

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
 Data File : BG042264.D
 Acq On : 16 Aug 2019 17:57
 Operator : HP/JU
 Sample : K4264-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-C1-C4-(0-2)MS

Manual Integrations
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 8/19/2019 2:19:31 PM

Quant Time: Aug 19 09:07:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:42:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	61654	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	234970	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	171801	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	403789	20.00	ng	0.01
76) Chrysene-d12	21.71	240	438535	20.00	ng	0.01
87) Perylene-d12	24.97	264	539299	20.00	ng	0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	407113	128.47	ng	0.00
7) Phenol-d6	7.18	99	516528	120.91	ng	0.01
23) Nitrobenzene-d5	9.18	82	343655	100.65	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	360948	184.97	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1038853	106.65	ng	0.00
79) Terphenyl-d14	20.04	244	1882503	98.23	ng	0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.44	88	44885	30.094	ng	# 52
3) Pyridine	3.85	79	86226	21.082	ng	# 76
4) n-Nitrosodimethylamine	3.75	42	47020	29.000	ng	# 66
6) Aniline	7.33	93	102123	16.976	ng	92
8) 2-Chlorophenol	7.58	128	169058	46.590	ng	87
9) Benzaldehyde	7.14	77	60045	19.975	ng	84
10) Phenol	7.21	94	168535	37.920	ng	93
11) bis(2-Chloroethyl)ether	7.43	93	140046	38.329	ng	86
12) 1,3-Dichlorobenzene	7.91	146	173481m	36.631	ng	
13) 1,4-Dichlorobenzene	8.05	146	176382	37.221	ng	96
14) 1,2-Dichlorobenzene	8.37	146	170955	37.807	ng	95
15) Benzyl Alcohol	8.25	79	126777	37.720	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.55	45	181507	27.922	ng	89
17) 2-Methylphenol	8.46	107	135066	41.786	ng	96
18) Hexachloroethane	9.10	117	58206	35.868	ng	90
19) n-Nitroso-di-n-propylamine	8.82	70	110608	35.661	ng	# 83
20) 3+4-Methylphenols	8.79	107	185579	41.955	ng	98
22) Acetophenone	8.84	105	235583	44.824	ng	# 86
24) Nitrobenzene	9.22	77	159469	44.332	ng	92
25) Isophorone	9.75	82	311245	41.904	ng	97
26) 2-Nitrophenol	9.94	139	103431	61.954	ng	90
27) 2,4-Dimethylphenol	10.00	122	160465	54.459	ng	100
28) bis(2-Chloroethoxy)methane	10.23	93	194853	41.980	ng	99
29) 2,4-Dichlorophenol	10.49	162	192953	53.774	ng	96
30) 1,2,4-Trichlorobenzene	10.70	180	205044	45.063	ng	99
31) Naphthalene	10.88	128	501576	46.641	ng	97
32) Benzoic acid	10.15	122	64168	33.669	ng	92
33) 4-Chloroaniline	11.00	127	29390	5.763	ng	# 92
34) Hexachlorobutadiene	11.18	225	127972	41.671	ng	98
35) Caprolactam	11.77	113	46137m	36.998	ng	
36) 4-Chloro-3-methylphenol	12.13	107	183461	51.572	ng	94
37) 2-Methylnaphthalene	12.50	142	405412	47.628	ng	96
38) 1-Methylnaphthalene	12.72	142	387476	48.034	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	253582	46.630	ng	# 98

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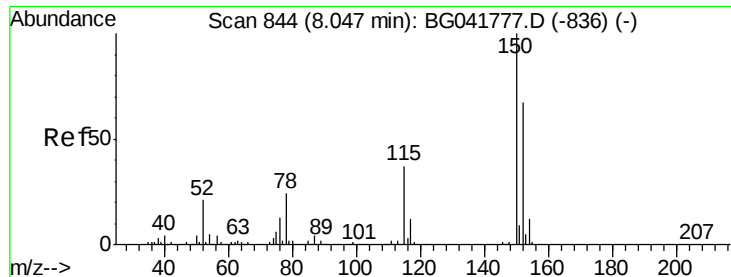
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	266870	87.283	nq	99
43) 2,4,6-Trichlorophenol	13.11	196	179447	52.208	nq	98
44) 2,4,5-Trichlorophenol	13.19	196	195791	54.815	nq #	93
46) 1,1'-Biphenyl	13.51	154	536132	48.546	nq	94
47) 2-Chloronaphthalene	13.55	162	437360	46.514	nq	95
48) 2-Nitroaniline	13.75	65	105657	44.306	nq #	76
49) Acenaphthylene	14.40	152	699359	49.724	nq	97
50) Dimethylphthalate	14.13	163	583530	49.733	nq	98
51) 2,6-Dinitrotoluene	14.25	165	140241	57.161	nq #	78
52) Acenaphthene	14.74	154	412808	45.127	nq	98
53) 3-Nitroaniline	14.57	138	63768	24.295	nq #	86
54) 2,4-Dinitrophenol	14.79	184	192381	112.430	nq #	79
55) Dibenzofuran	15.07	168	695097	49.678	nq	93
56) 4-Nitrophenol	14.90	139	225751	113.308	nq #	82
57) 2,4-Dinitrotoluene	15.04	165	200929	59.552	nq #	84
58) Fluorene	15.73	166	567449	50.536	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	194207	54.897	nq #	90
60) Diethylphthalate	15.49	149	576037	50.006	nq	98
61) 4-Chlorophenyl-phenylether	15.71	204	333543	48.657	nq	94
62) 4-Nitroaniline	15.74	138	141244	49.682	nq	89
63) Azobenzene	16.01	77	403192	42.847	nq	89
65) 4,6-Dinitro-2-methylphenol	15.81	198	133724	64.857	nq	79
66) n-Nitrosodiphenylamine	15.93	169	543265	49.392	nq	96
67) 4-Bromophenyl-phenylether	16.61	248	233815	47.008	nq	94
68) Hexachlorobenzene	16.74	284	247702	47.602	nq #	89
69) Atrazine	16.88	200	206202	47.715	nq	99
70) Pentachlorophenol	17.08	266	324828	109.886	nq	98
71) Phenanthrene	17.47	178	971996	50.220	nq	95
72) Anthracene	17.56	178	998355	51.720	nq	95
73) Carbazole	17.83	167	914616	52.790	nq	95
74) Di-n-butylphthalate	18.39	149	1024331	52.151	nq #	95
75) Fluoranthene	19.49	202	1263978	53.727	nq	91
77) Benzidine	19.66	184	166407	11.626	nq	97
78) Pyrene	19.84	202	1272673	48.982	nq	92
80) Butylbenzylphthalate	20.73	149	507812	50.976	nq	88
81) Benzo(a)anthracene	21.70	228	1265581	48.778	nq	94
82) 3,3'-Dichlorobenzidine	21.60	252	362615	34.810	nq #	96
83) Chrysene	21.76	228	1253808	50.413	nq	94
84) Bis(2-ethylhexyl)phthalate	21.60	149	713249	51.905	nq	98
85) Di-n-octyl phthalate	22.82	149	1235974	53.445	nq #	86
86) Indeno(1,2,3-cd)pyrene	28.71	276	1719618	52.231	nq #	88
88) Benzo(b)fluoranthene	23.94	252	1452268	49.226	nq #	95
89) Benzo(k)fluoranthene	24.01	252	1363073	47.431	nq #	96
90) Benzo(a)pyrene	24.82	252	1405336	49.668	nq #	97
91) Dibenzo(a,h)anthracene	28.78	278	1418093	51.042	nq #	96
92) Benzo(g,h,i)perylene	29.87	276	1440183	51.885	nq #	93

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



#1

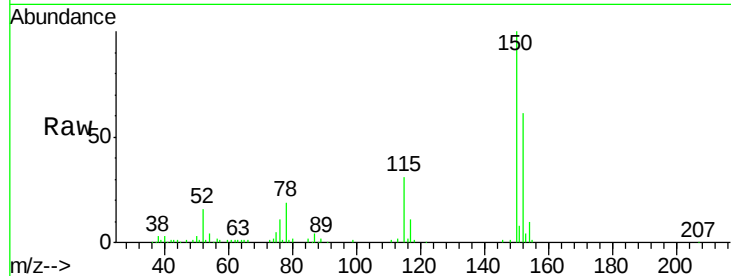
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.00 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.3	126.9	190.3
115	50.9	45.0	67.6

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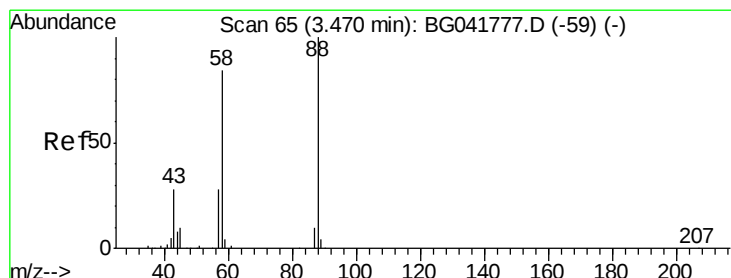
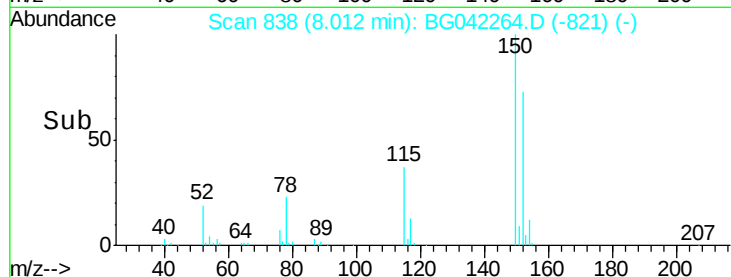
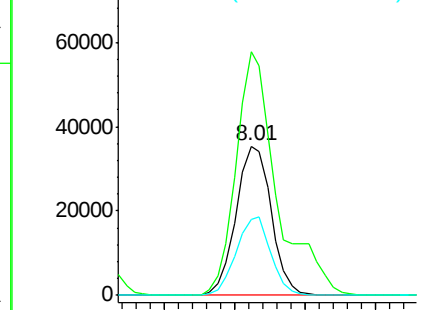


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

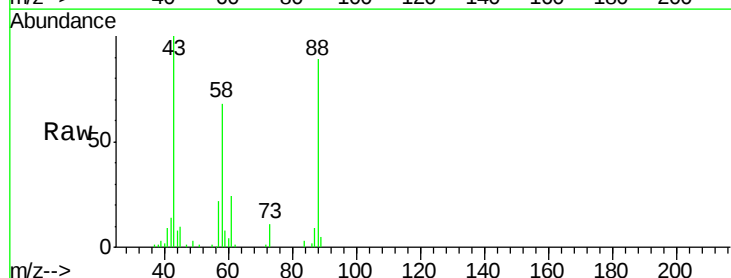
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 30.094 ng
RT: 3.44 min Scan# 60
Delta R.T. 0.01 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.6	76.2	114.2#
43	98.9	27.2	40.8#

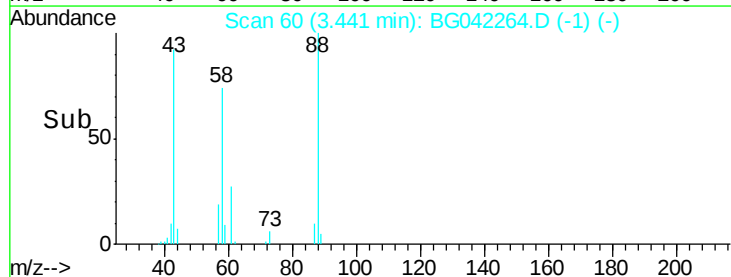
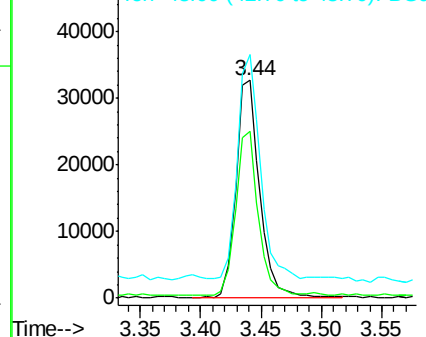


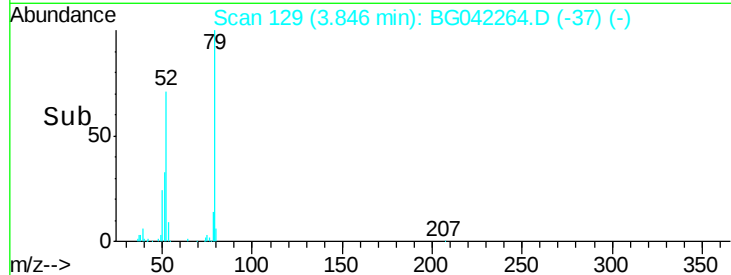
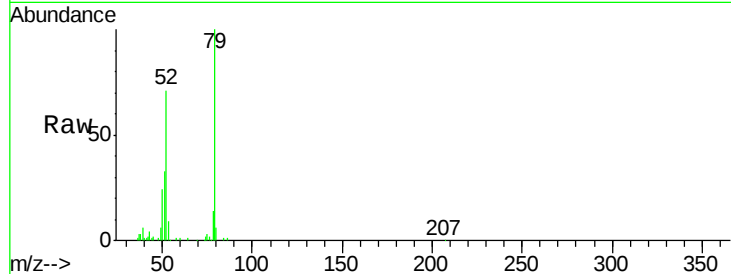
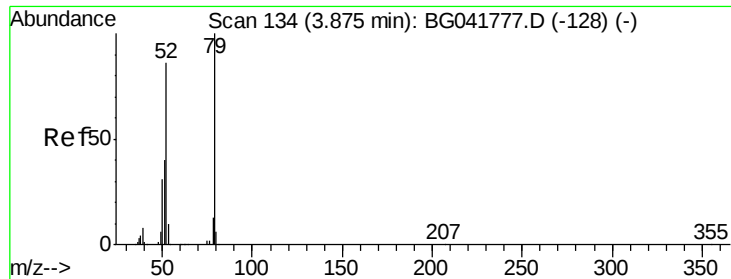
Abundance

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





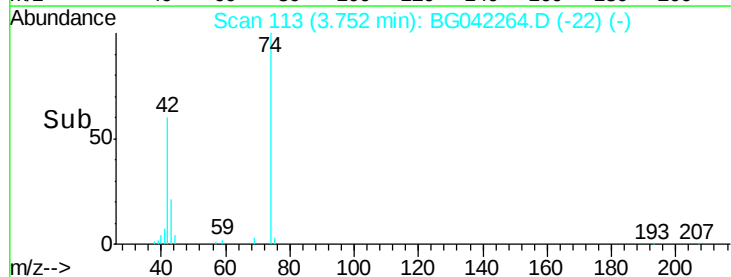
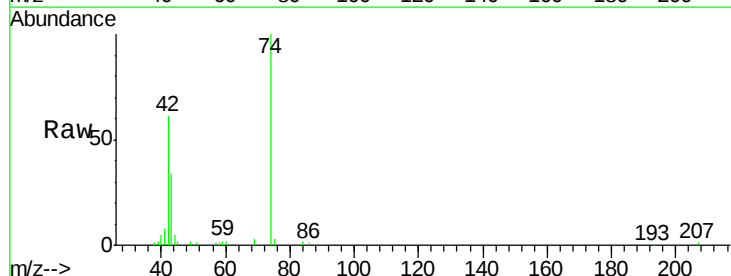
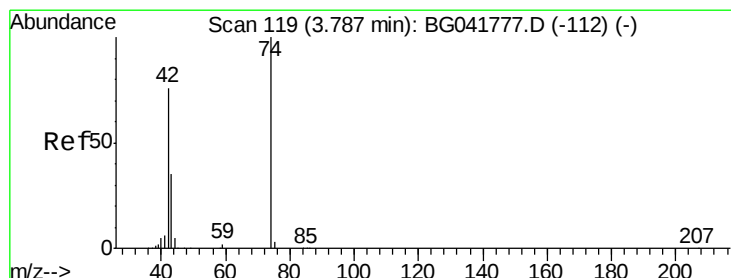
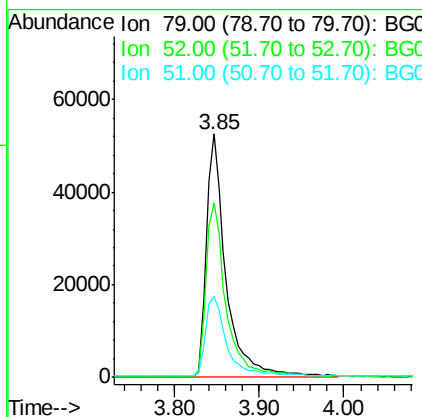
#3
 Pvridine
 Concen: 21.082 ng
 RT: 3.85 min Scan# 129
 Delta R.T. 0.01 min
 Lab File: BG042264.D
 Acq: 16 Aug 2019 17:57

Tot Ion	Ratio	Lower	Upper
79	100		
52	71.4	77.1	115.7#
51	33.5	37.8	56.8#

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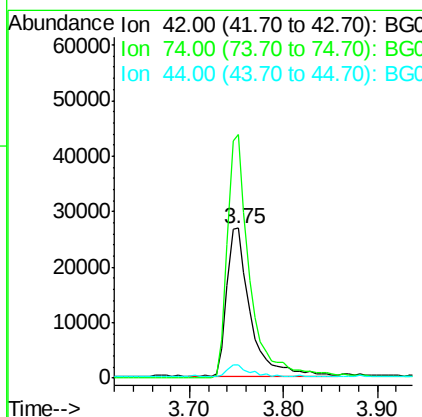
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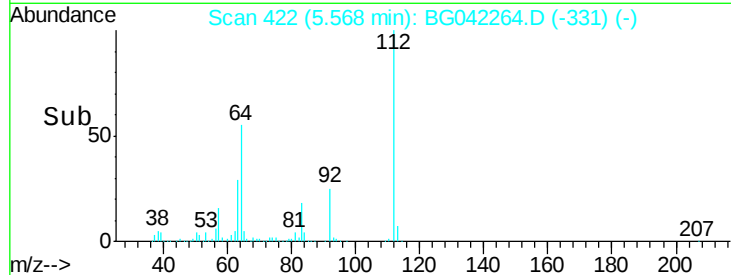
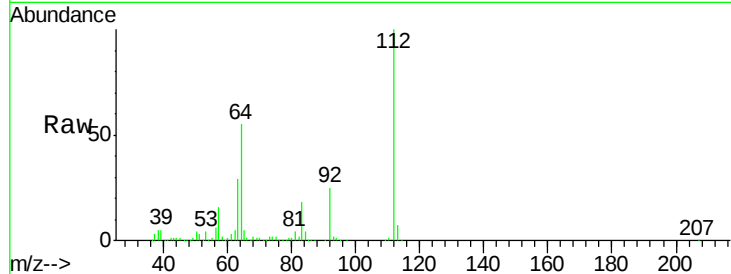
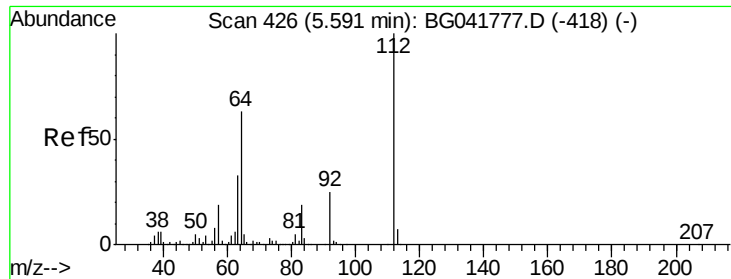
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#4
 n-Nitrosodimethylamine
 Concen: 29.000 ng
 RT: 3.75 min Scan# 113
 Delta R.T. 0.01 min
 Lab File: BG042264.D
 Acq: 16 Aug 2019 17:57

Tgt Ion	Ratio	Lower	Upper
42	100		
74	162.7	97.4	146.2#
44	8.7	6.6	9.8





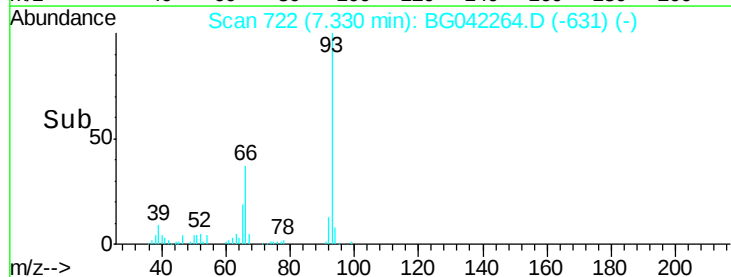
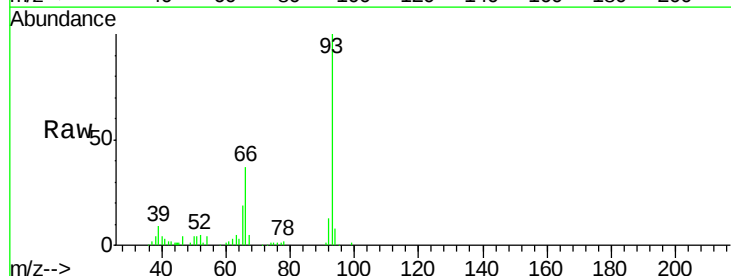
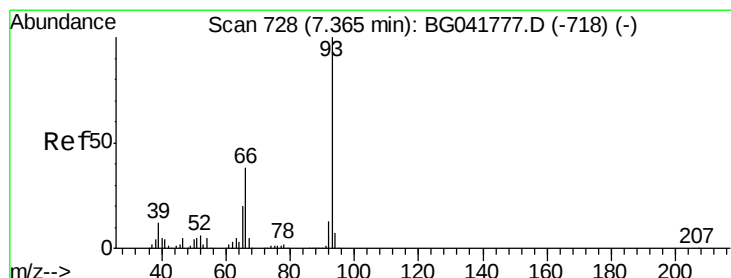
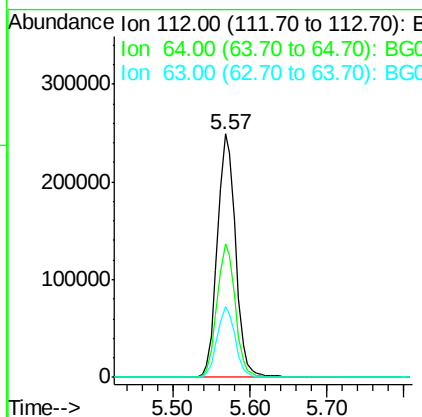
#5
2-Fluorophenol
Concen: 128.473 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.01 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	55.0	55.4	83.2#
63	29.0	29.1	43.7#

Instrument :
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ClientSampleId :
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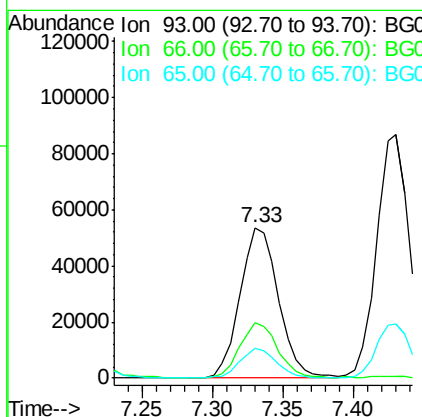
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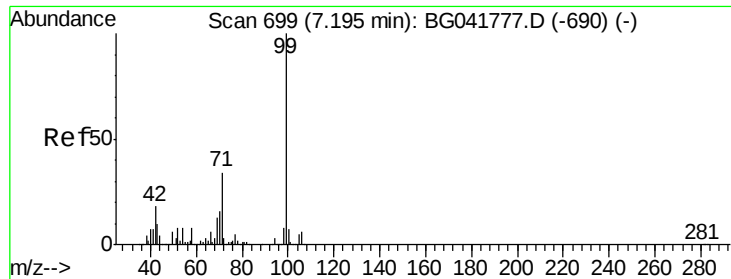
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#6
Aniline
Concen: 16.976 ng
RT: 7.33 min Scan# 722
Delta R.T. 0.01 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	36.8	34.2	51.2
65	19.4	18.2	27.2





#7

Phenol-d6

Concen: 120.906 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

Instrument :

BNA_G

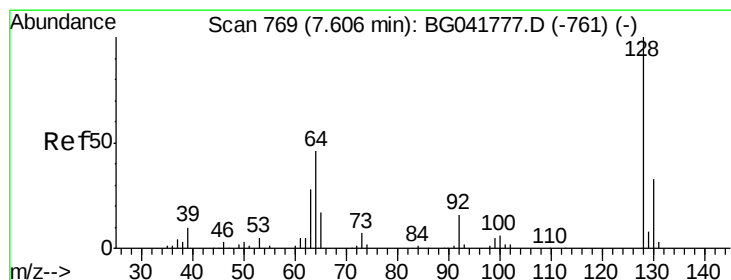
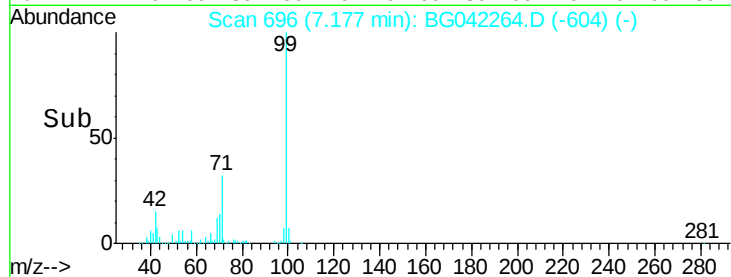
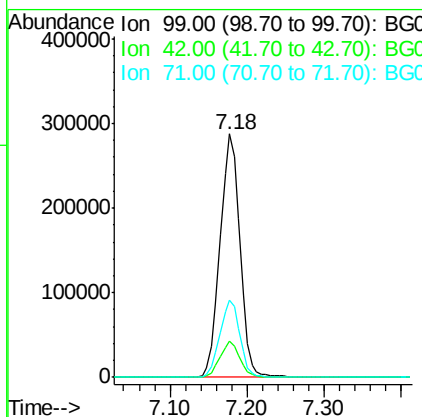
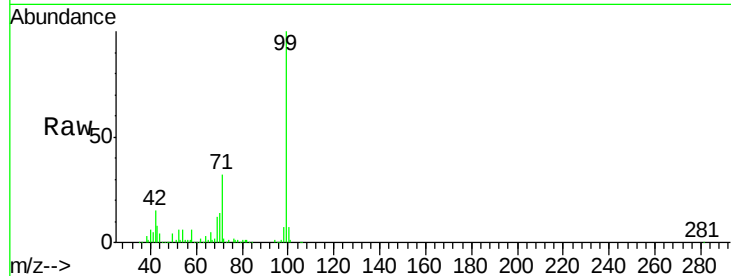
ClientSampleId :

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Tot Ion	99	Resp	516528
Ion	Ratio	Lower	Upper
99	100		
42	14.8	17.6	26.4#
71	31.5	27.8	41.6

Manual Integrations
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#8

2-Chlorophenol

Concen: 46.590 ng

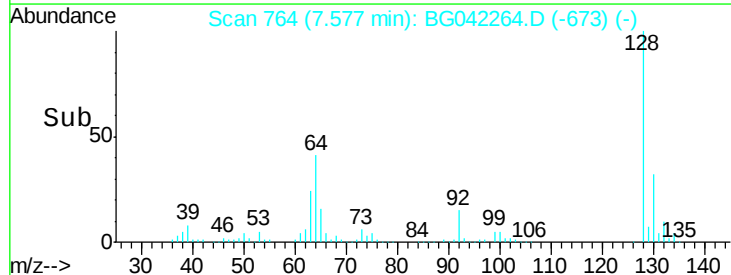
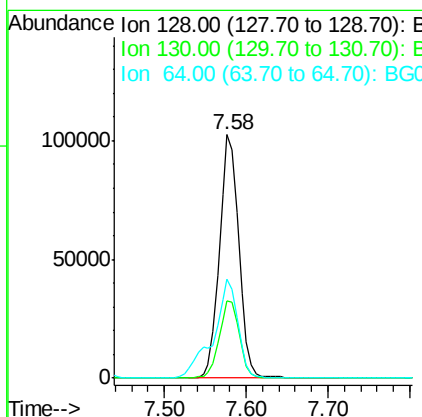
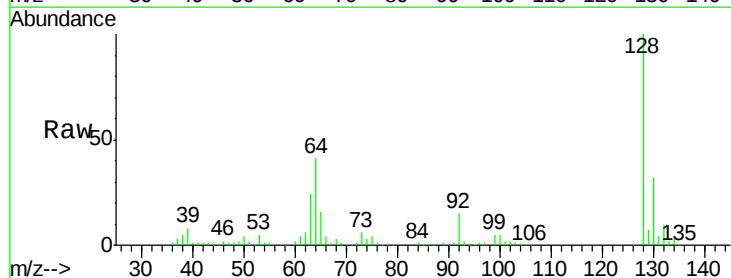
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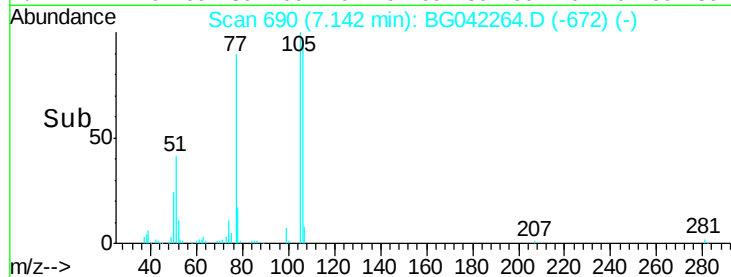
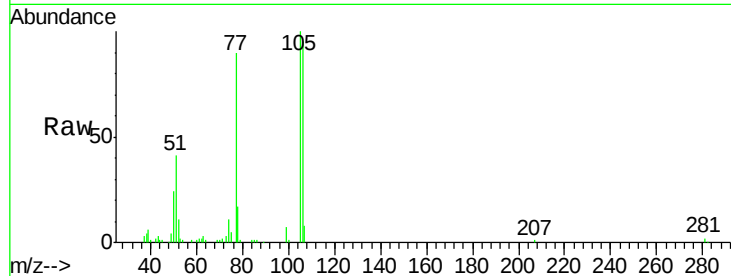
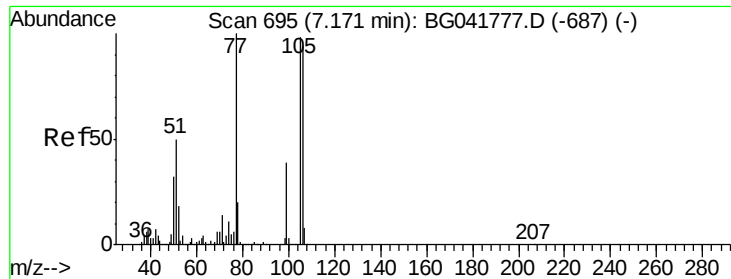
Delta R.T. 0.01 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

Tgt Ion	128	Resp	169058
Ion	Ratio	Lower	Upper
128	100		
130	31.6	12.4	52.4
64	40.9	34.9	74.9





#9

Benzaldehyde

Concen: 19.975 ng

RT: 7.14 min Scan# 690

Delta R.T. 0.01 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

Tot Ion:	77	Resp:	60045
Ion	Ratio	Lower	Upper
77	100		
105	111.3	74.6	114.6
106	105.4	71.1	111.1

Instrument :

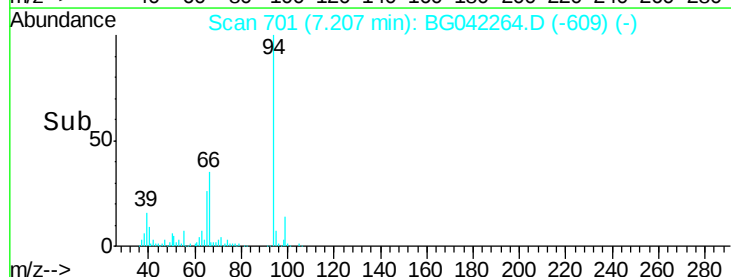
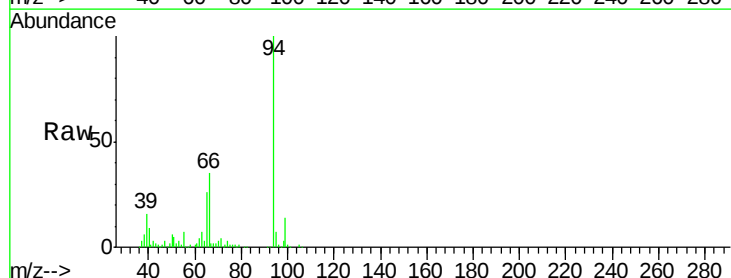
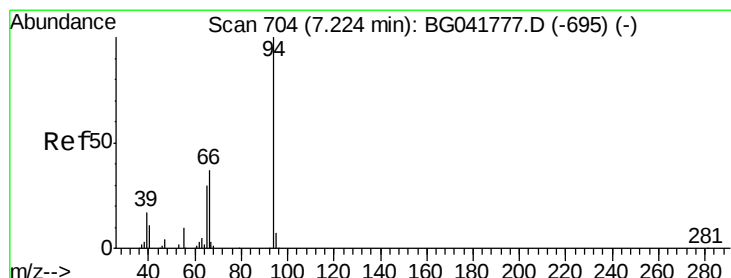
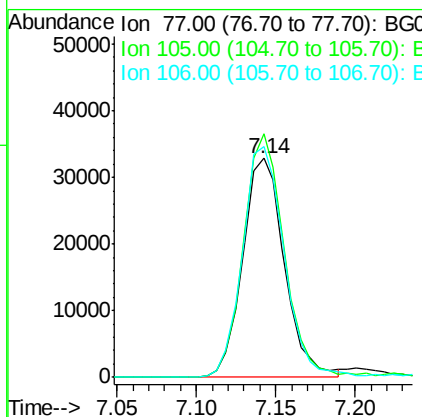
BNA_G

ClientSampleId :

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#10

Phenol

Concen: 37.920 ng

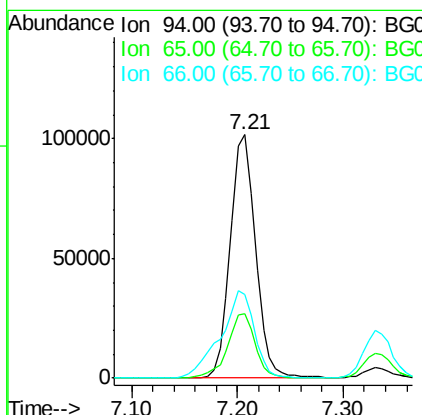
RT: 7.21 min Scan# 701

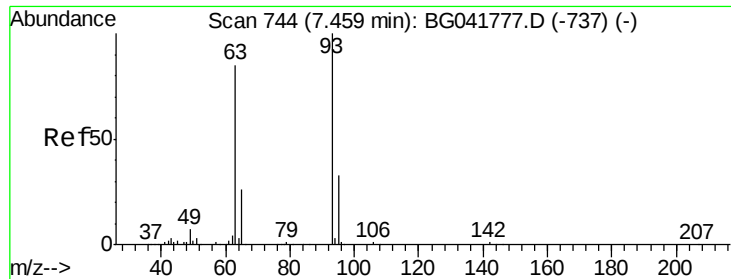
Delta R.T. 0.01 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

Tgt Ion:	94	Resp:	168535
Ion	Ratio	Lower	Upper
94	100		
65	26.4	10.6	50.6
66	34.6	18.2	58.2





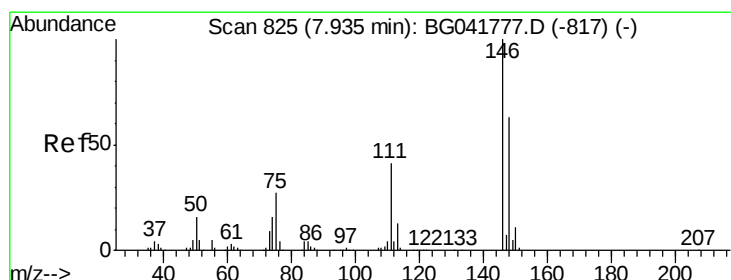
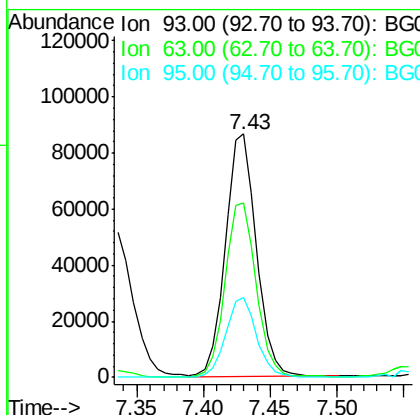
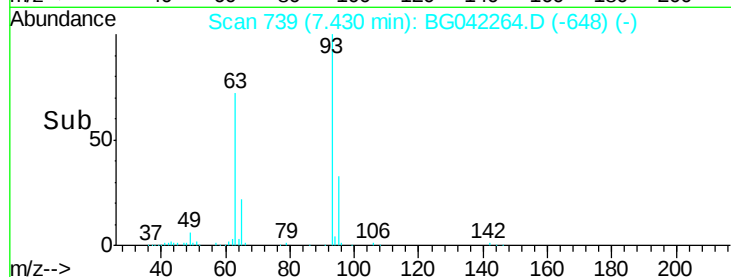
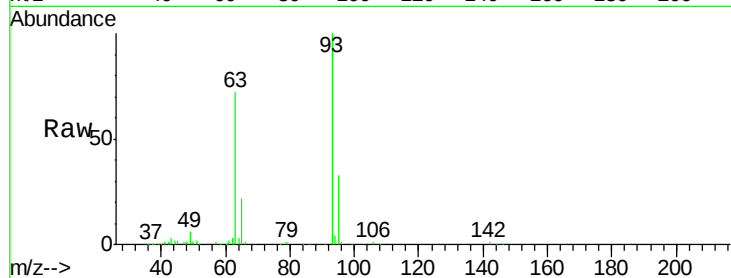
#11
bis(2-Chloroethyl)ether
Concen: 38.329 ng
RT: 7.43 min Scan# 739
Delta R.T. 0.01 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.9	70.4	110.4
95	33.0	12.8	52.8

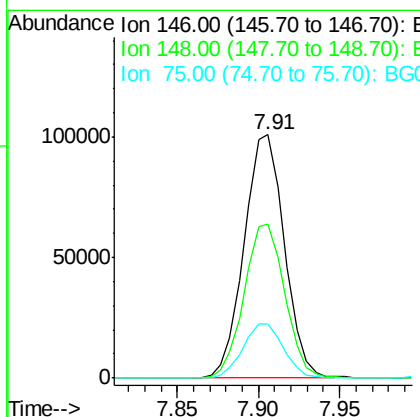
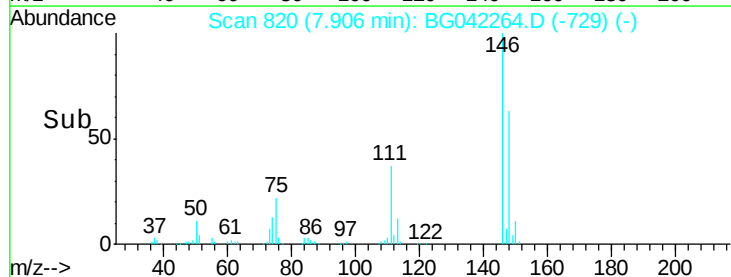
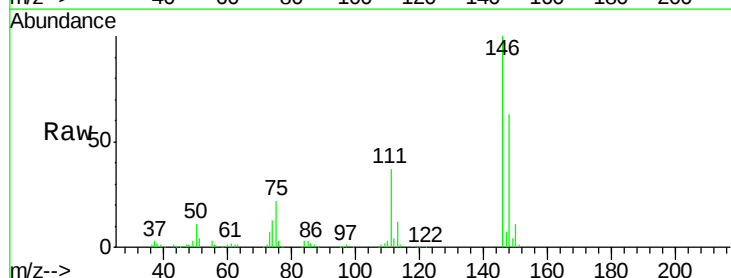
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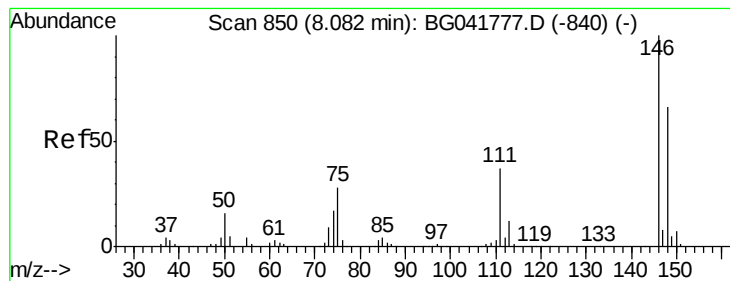
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#12
1,3-Dichlorobenzene
Concen: 36.631 ng m
RT: 7.91 min Scan# 820
Delta R.T. 0.01 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.5	77.3
75	22.3	23.2	34.8#





#13

1,4-Dichlorobenzene

Concen: 37.221 ng

RT: 8.05 min Scan# 844

Delta R.T. 0.00 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

Instrument :

BNA_G

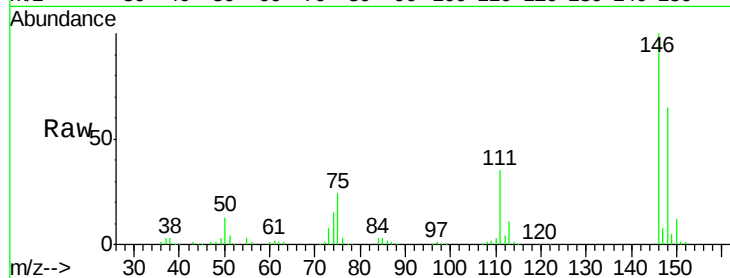
ClientSampleId :

REACTOR-3-C1-C4-(0-2)MS

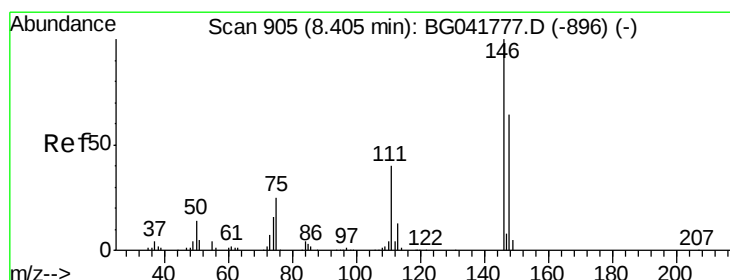
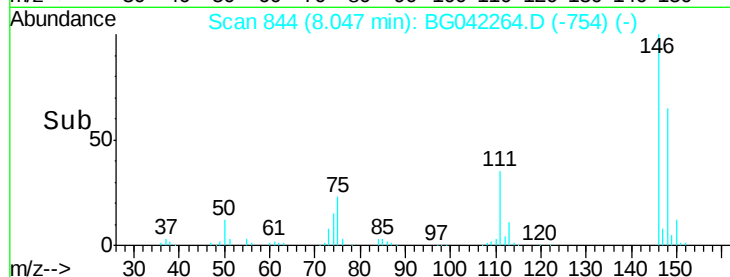
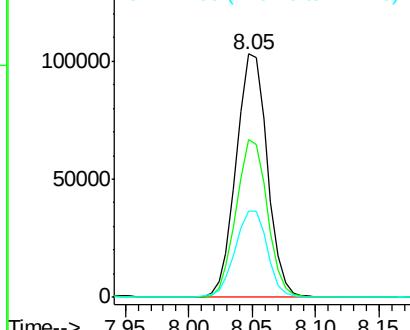
Tot Ion:	146	Resp:	176382
Ion Ratio	Lower	Upper	
146	100		
148	64.7	52.6	79.0
111	35.1	32.5	48.7

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.807 ng

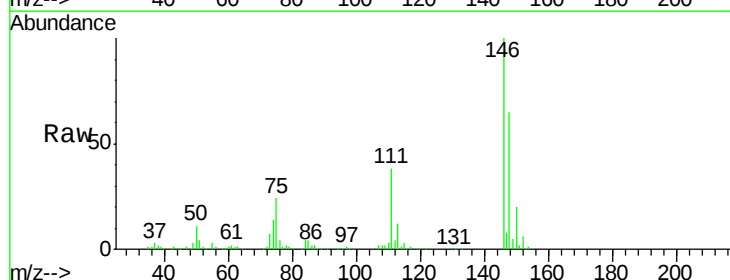
RT: 8.37 min Scan# 899

Delta R.T. 0.00 min

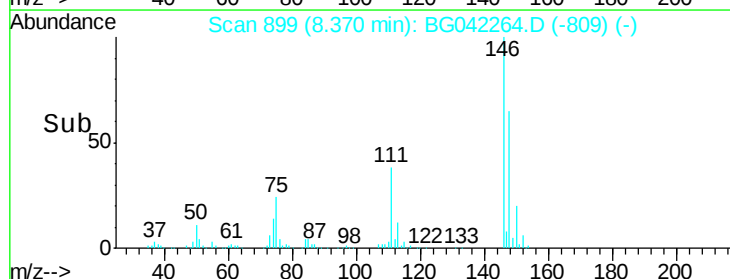
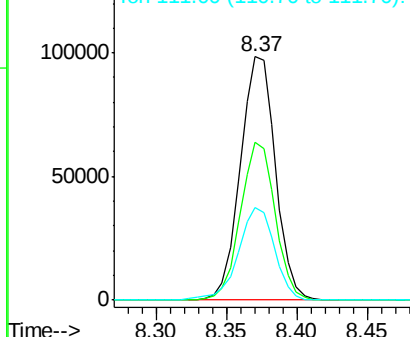
Lab File: BG042264.D

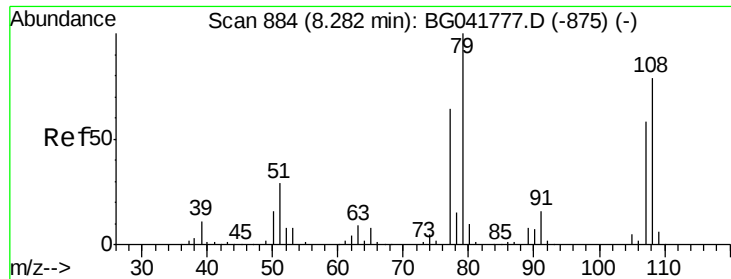
Acq: 16 Aug 2019 17:57

Tgt Ion:	146	Resp:	170955
Ion Ratio	Lower	Upper	
146	100		
148	64.9	53.5	80.3
111	38.1	35.4	53.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.720 ng

RT: 8.25 min Scan# 879

Delta R.T. 0.01 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

Instrument :

BNA_G

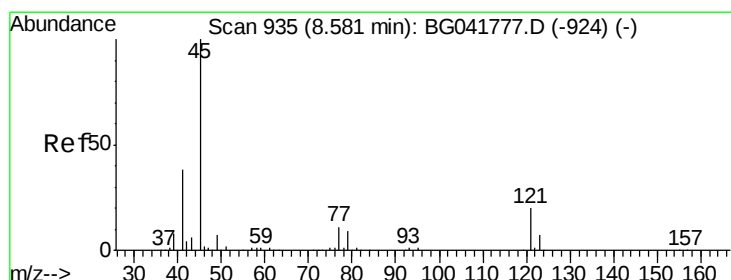
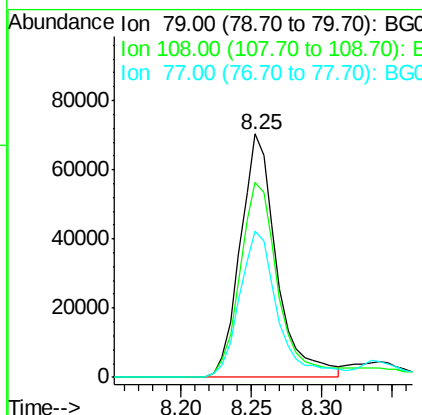
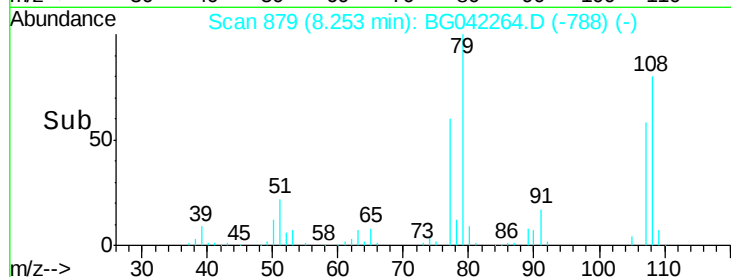
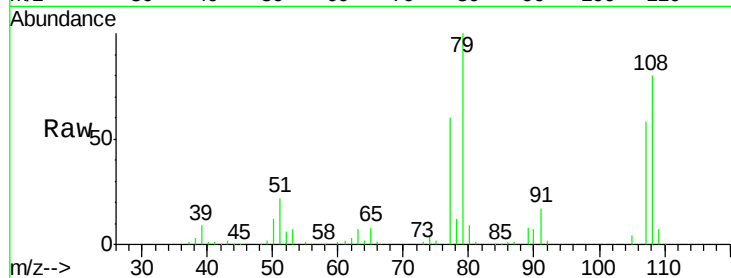
ClientSampleId :

REACTOR-3-C1-C4-(0-2)MS

Tot Ion:	79	Resp:	126777
Ion Ratio	Lower	Upper	
79	100		
108	80.1	60.5	90.7
77	60.2	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 27.922 ng

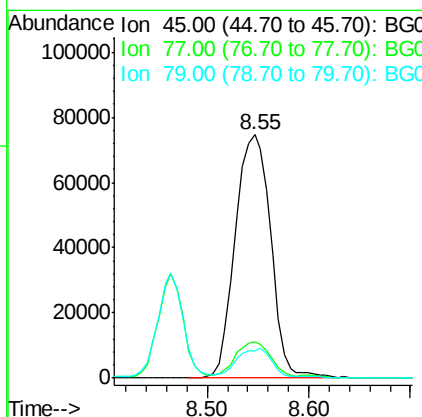
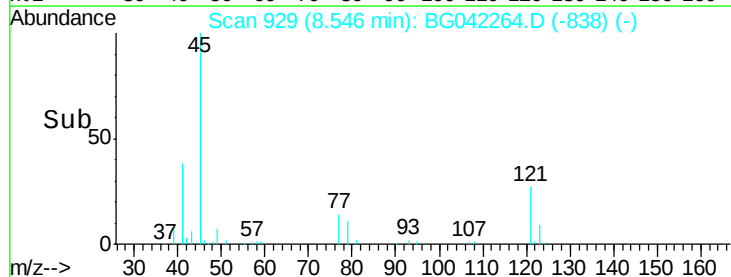
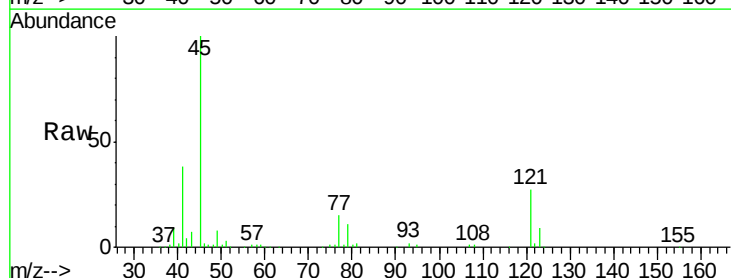
RT: 8.55 min Scan# 929

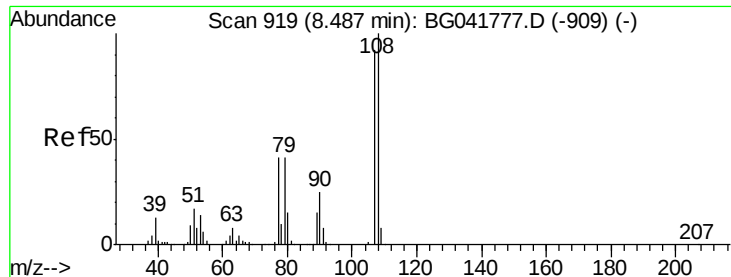
Delta R.T. 0.01 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

Tgt Ion:	45	Resp:	181507
Ion Ratio	Lower	Upper	
45	100		
77	15.1	0.0	30.4
79	11.4	0.0	27.9





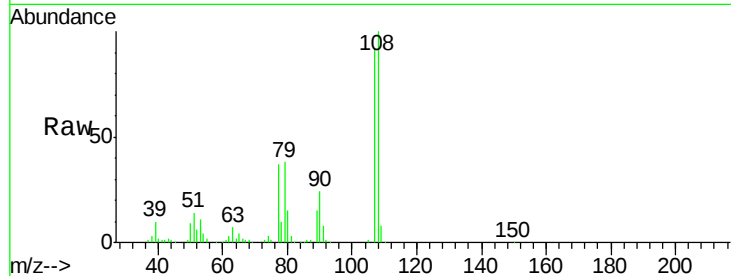
#17
2-Methylphenol
Concen: 41.786 ng
RT: 8.46 min Scan# 915
Delta R.T. 0.01 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MS

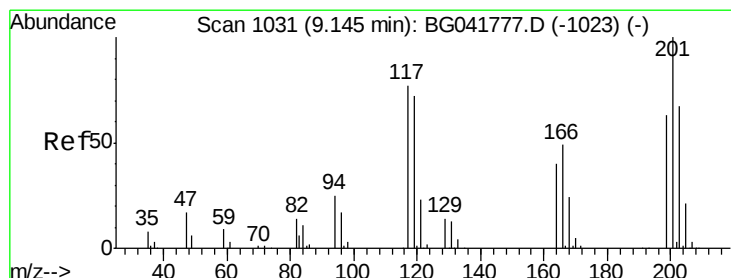
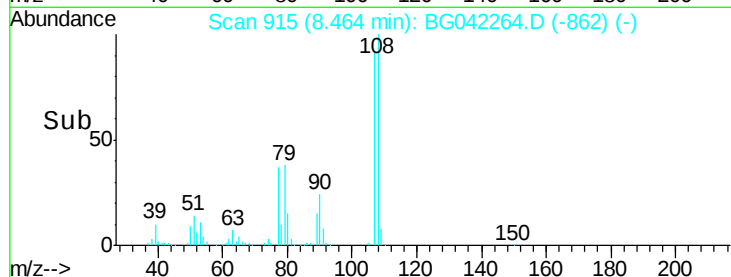
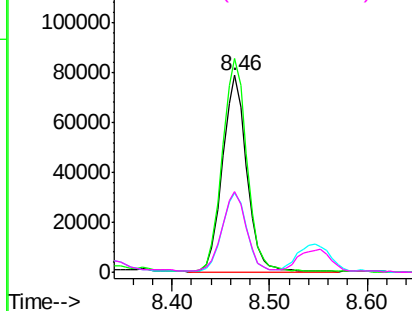
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.4	87.6	131.4	
77	40.5	36.1	54.1	
79	40.7	36.4	54.6	

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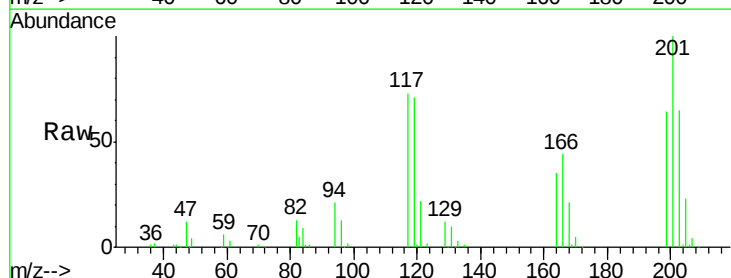


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

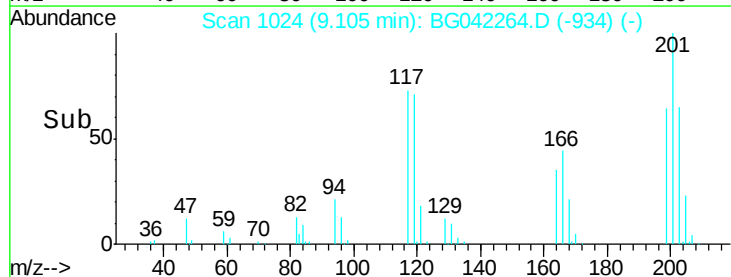
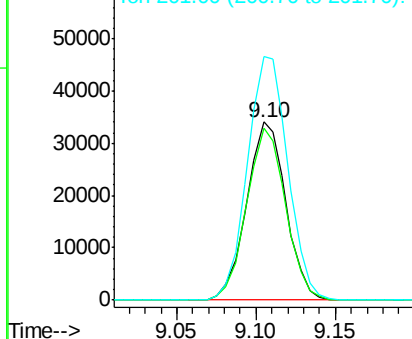


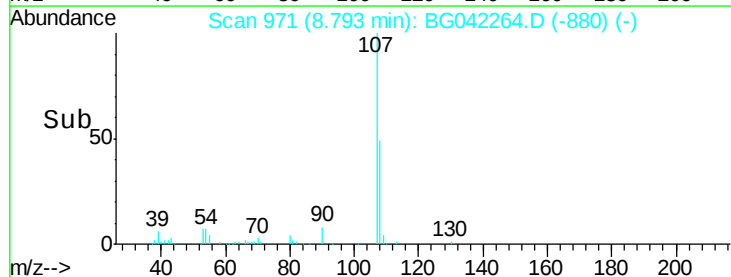
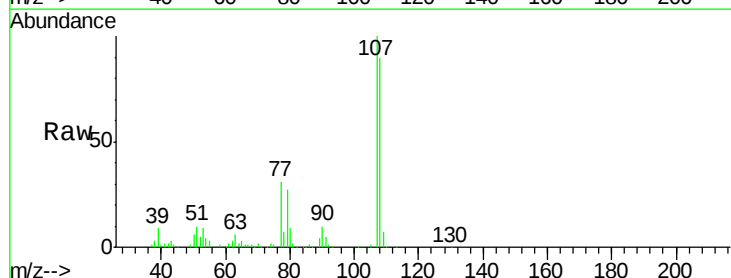
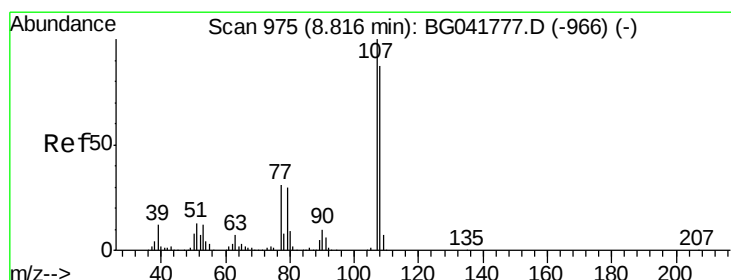
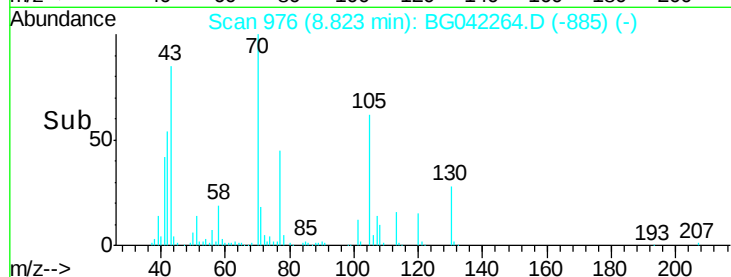
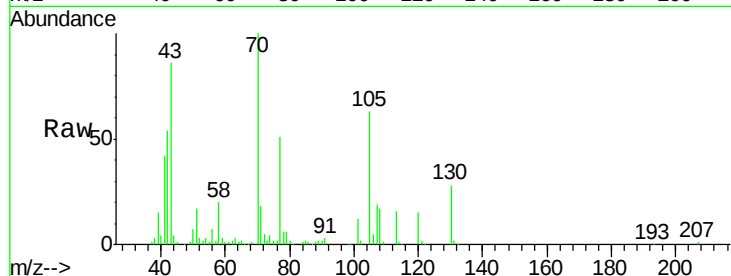
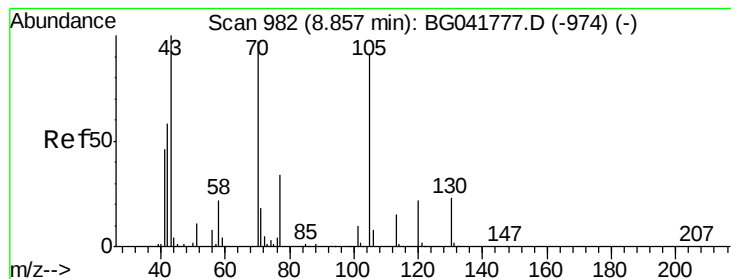
#18
Hexachloroethane
Concen: 35.868 ng
RT: 9.10 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.4	76.2	114.2	
201	136.7	94.1	141.1	



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: 35.661 ng

RT: 8.82 min Scan# 976

Delta R.T. 0.01 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

Instrument :

BNA_G

ClientSampleId :

REACTOR-3-C1-C4-(0-2)MS

Tot Ion: 70 Resp: 110608

Ion Ratio Lower Upper

70 100

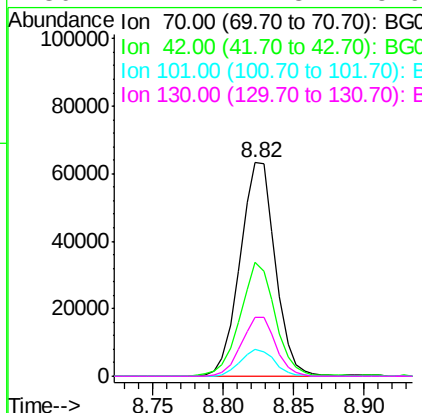
42 53.6 55.8 83.6#

101 12.3 8.1 12.1#

130 27.7 17.3 25.9#

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#20

3+4-Methylphenols

Concen: 41.955 ng

RT: 8.79 min Scan# 971

Delta R.T. 0.01 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

Tgt Ion: 107 Resp: 185579

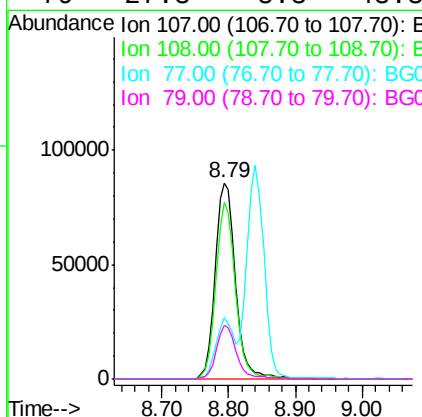
Ion Ratio Lower Upper

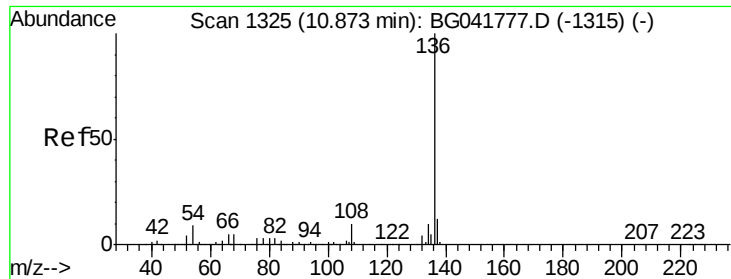
107 100

108 89.7 67.5 107.5

77 31.2 12.3 52.3

79 27.3 8.3 48.3





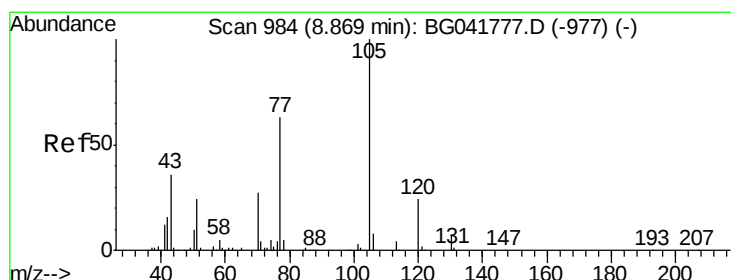
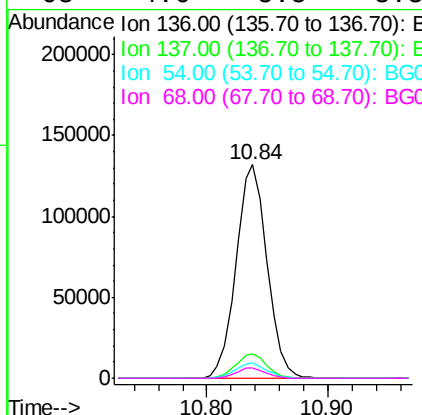
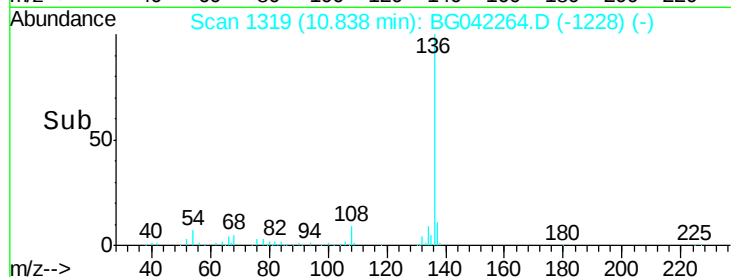
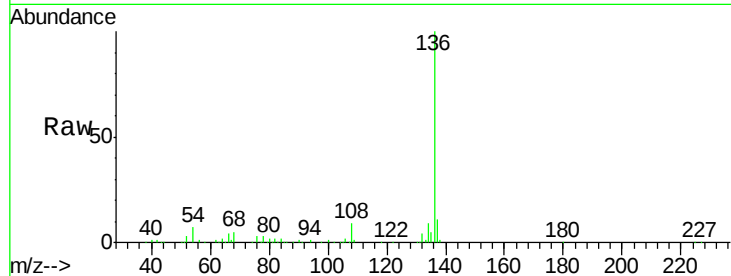
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.2	13.8	
54	7.1	8.7	13.1#	
68	4.6	5.5	8.3#	

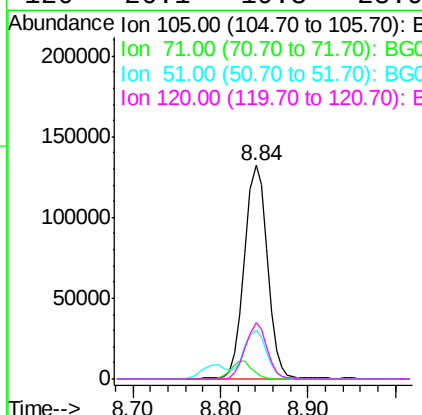
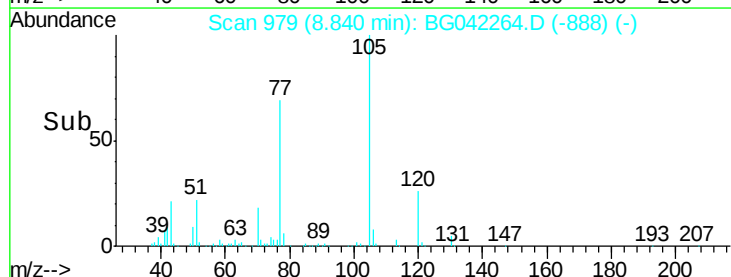
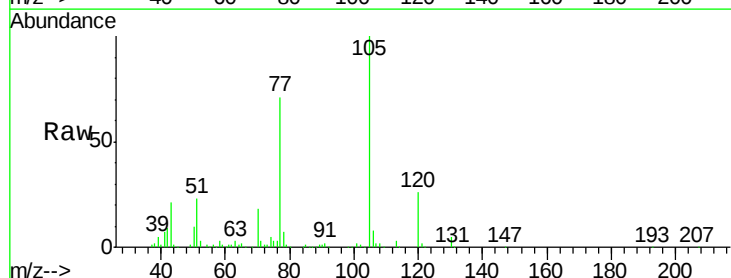
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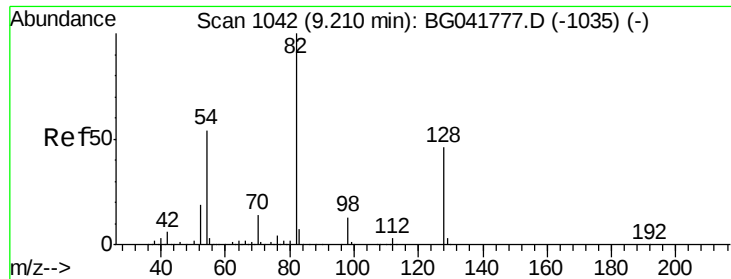
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#22
Acetophenone
Concen: 44.824 ng
RT: 8.84 min Scan# 979
Delta R.T. 0.01 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.9	5.9	8.9#	
51	22.9	27.7	41.5#	
120	26.1	19.3	28.9	





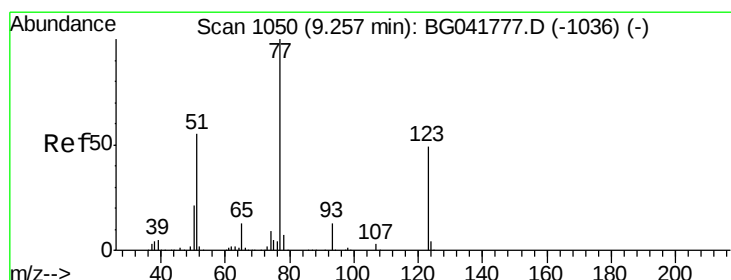
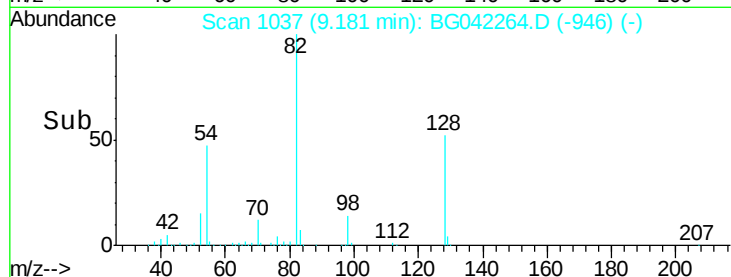
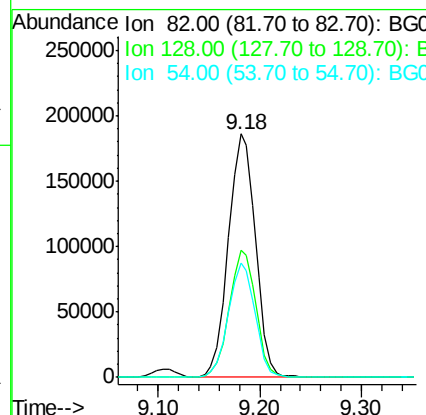
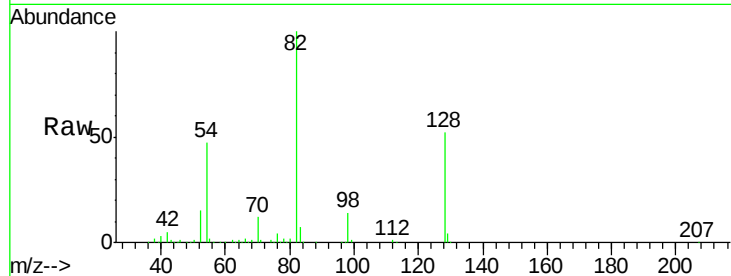
#23
 Nitrobenzene-d5
 Concen: 100.647 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: BG042264.D
 Acq: 16 Aug 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-C1-C4-(0-2)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	52.3	35.1	52.7
54	46.9	48.7	73.1

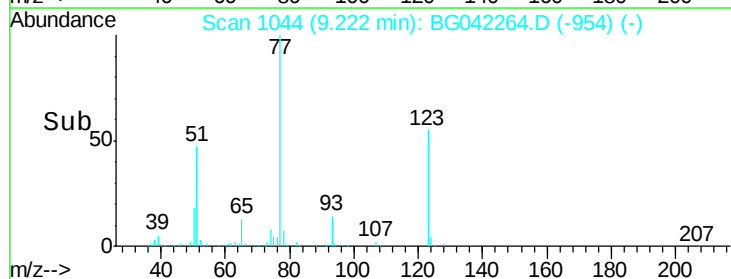
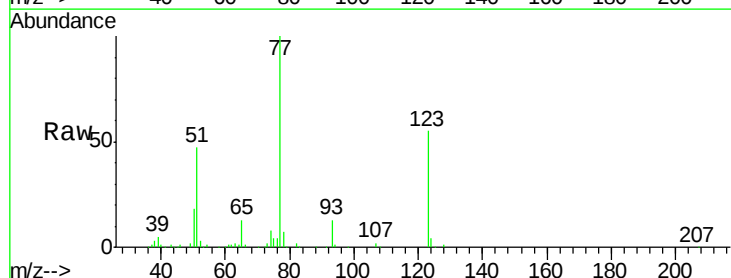
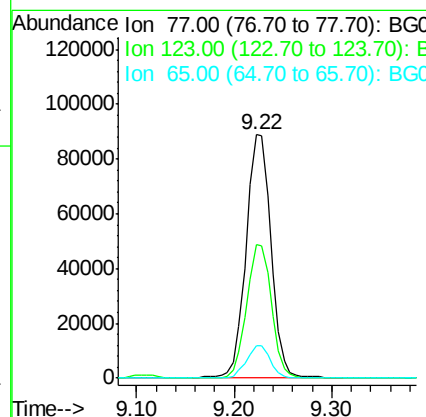
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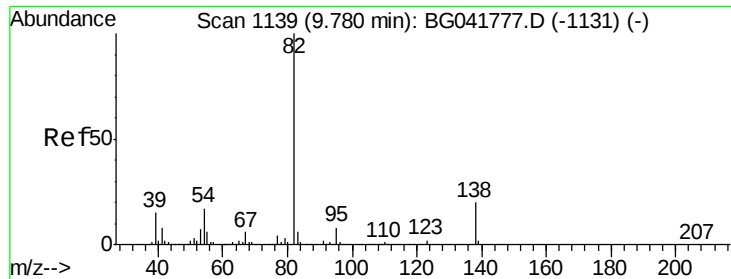
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#24
 Nitrobenzene
 Concen: 44.332 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BG042264.D
 Acq: 16 Aug 2019 17:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	54.6	38.1	57.1
65	13.3	11.0	16.6





#25

Isophorone

Concen: 41.904 ng

RT: 9.75 min Scan# 1134

Delta R.T. 0.01 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

Instrument :

BNA_G

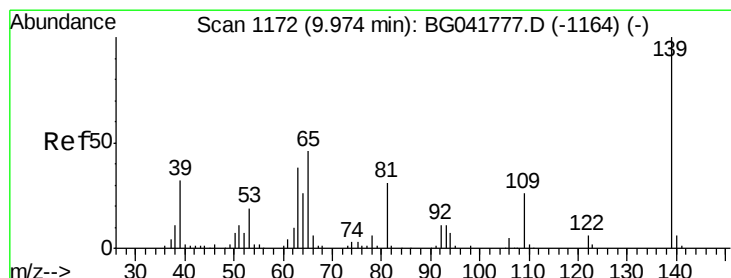
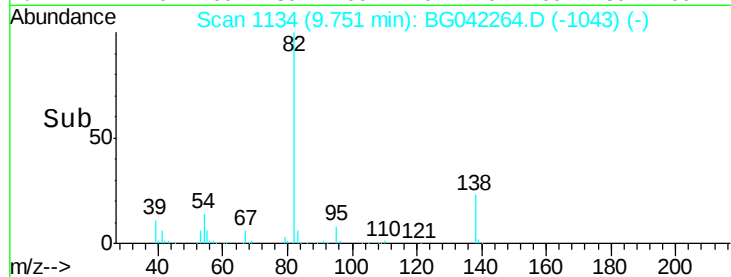
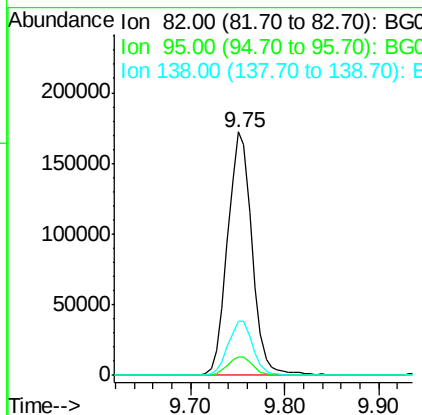
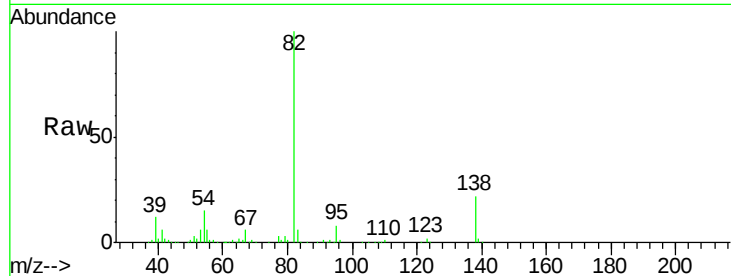
ClientSampleId :

REACTOR-3-C1-C4-(0-2)MS

Tot Ion:	82	Resp:	311245
Ion Ratio	Lower	Upper	
82	100		
95	7.6	5.9	8.9
138	22.2	16.3	24.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 61.954 ng

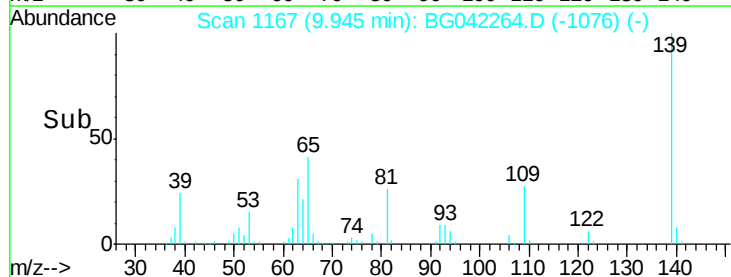
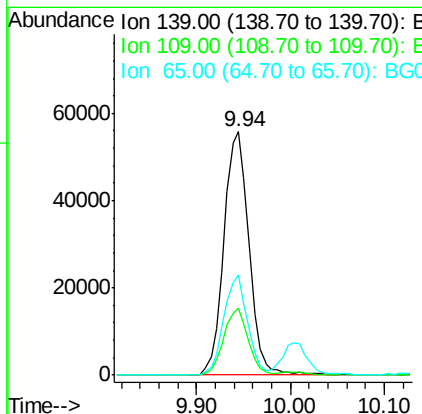
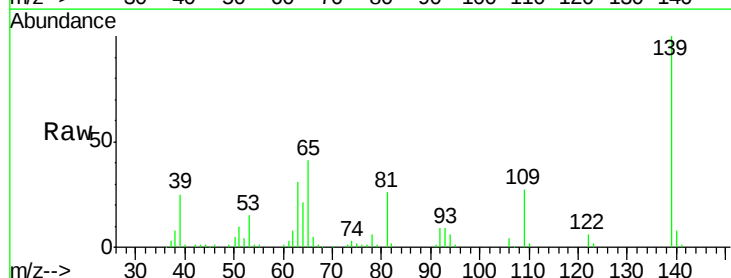
RT: 9.94 min Scan# 1167

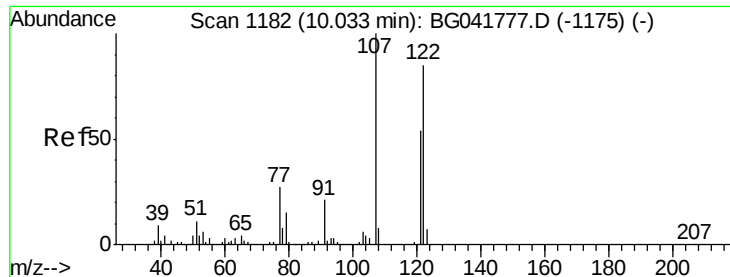
Delta R.T. 0.01 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

Tgt Ion:	139	Resp:	103431
Ion Ratio	Lower	Upper	
139	100		
109	27.4	22.7	34.1
65	41.3	41.1	61.7





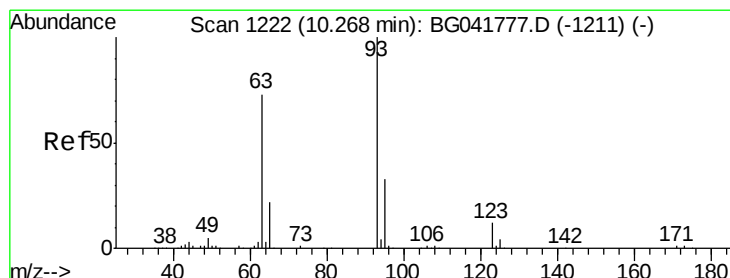
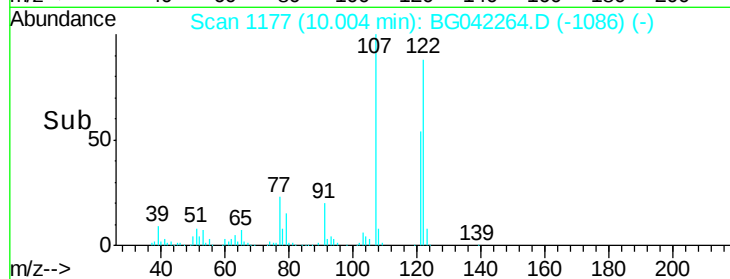
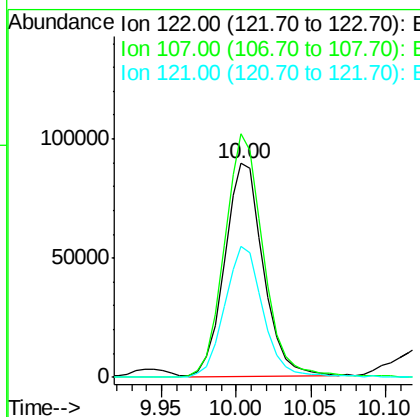
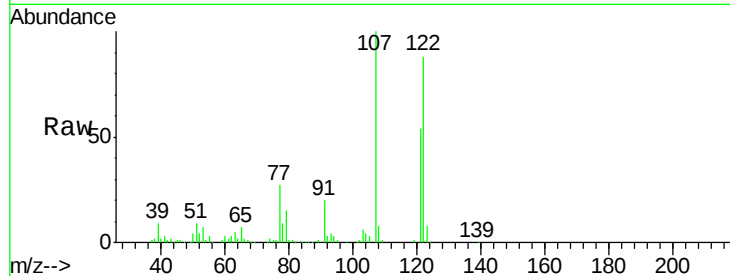
#27
 2,4-Dimethylphenol
 Concen: 54.459 ng
 RT: 10.00 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: BG042264.D
 Acq: 16 Aug 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-C1-C4-(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	160465		
107	113.8	91.3	136.9	
121	61.0	49.2	73.8	

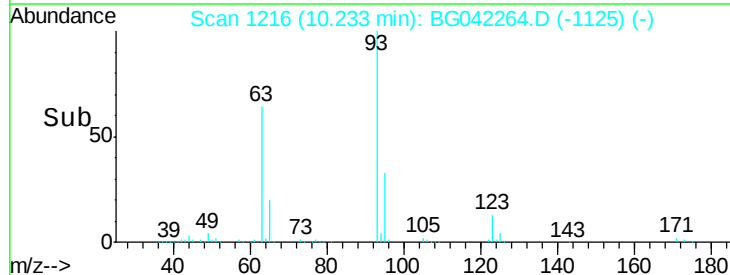
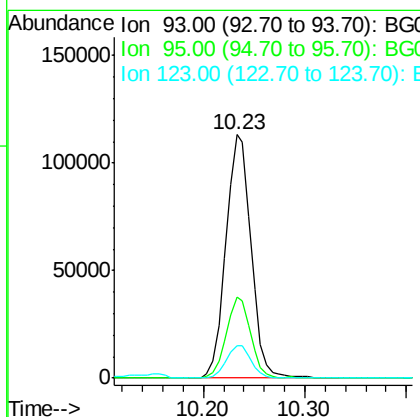
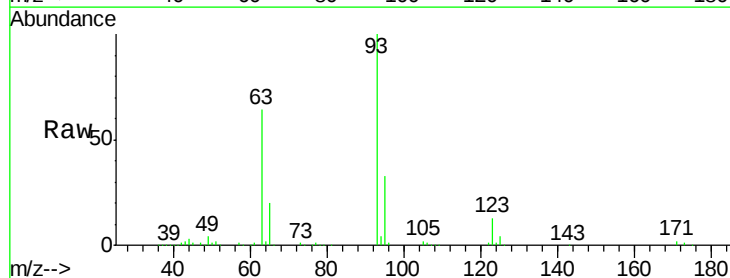
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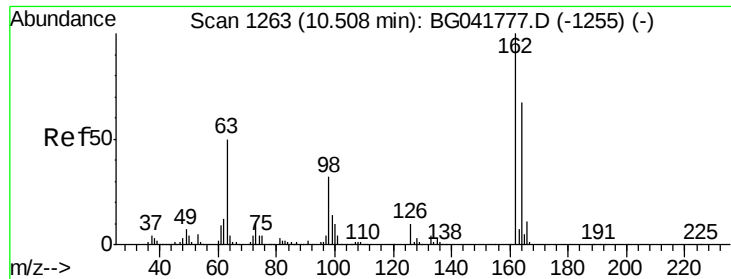
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.980 ng
 RT: 10.23 min Scan# 1216
 Delta R.T. 0.01 min
 Lab File: BG042264.D
 Acq: 16 Aug 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	194853		
95	33.2	26.2	39.4	
123	13.4	9.9	14.9	





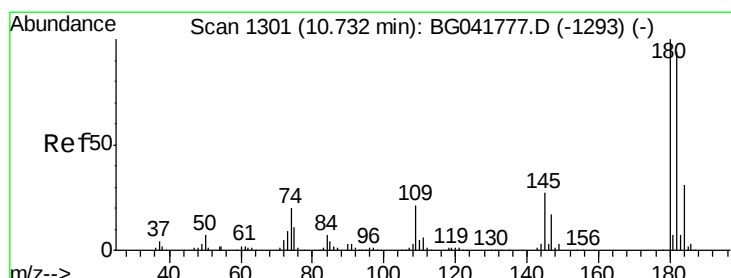
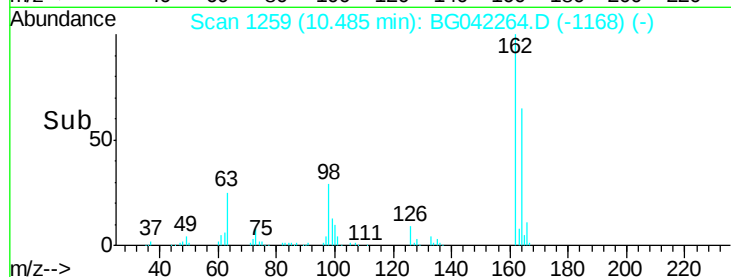
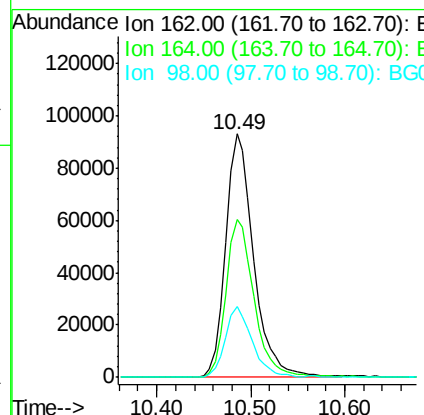
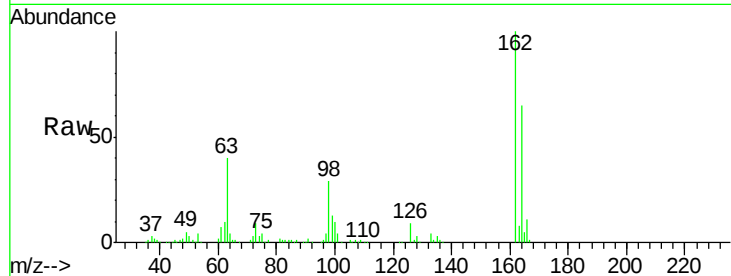
#29
2,4-Dichlorophenol
Concen: 53.774 ng
RT: 10.49 min Scan# 1259
Delta R.T. 0.01 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	192953		
164	65.1	46.1	86.1	
98	29.3	14.7	54.7	

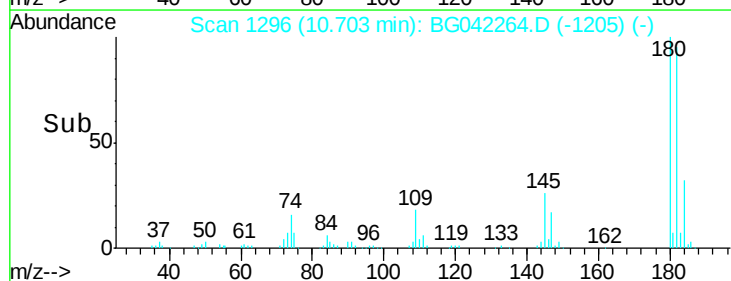
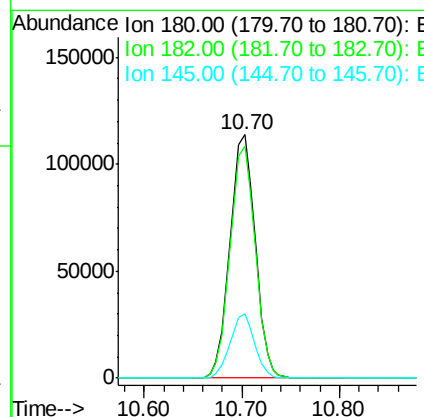
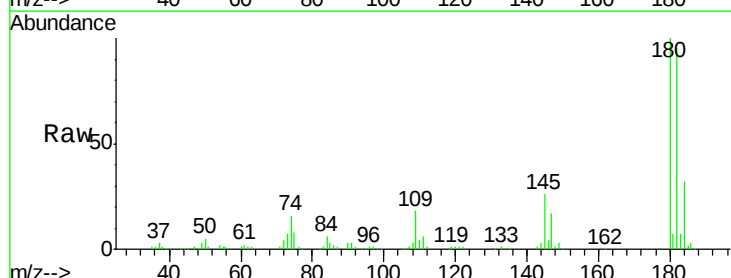
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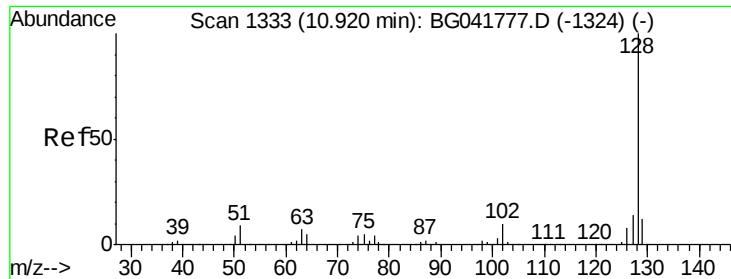
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#30
1,2,4-Trichlorobenzene
Concen: 45.063 ng
RT: 10.70 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	205044		
182	95.2	76.2	114.2	
145	26.5	23.8	35.8	





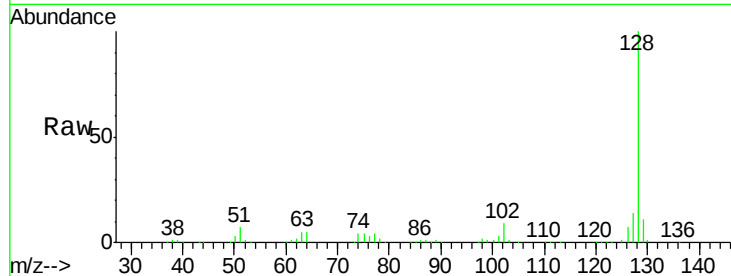
#31
Naphthalene
Concen: 46.641 ng
RT: 10.88 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MS

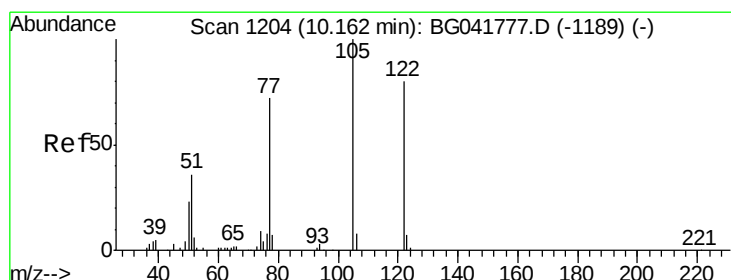
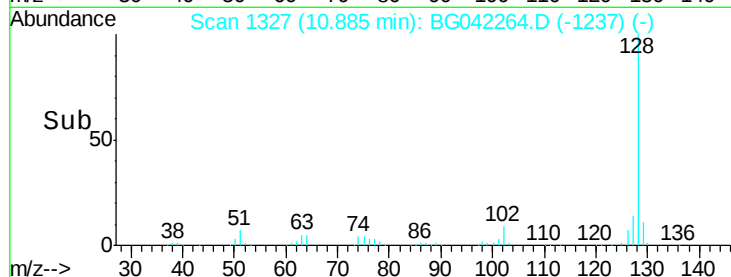
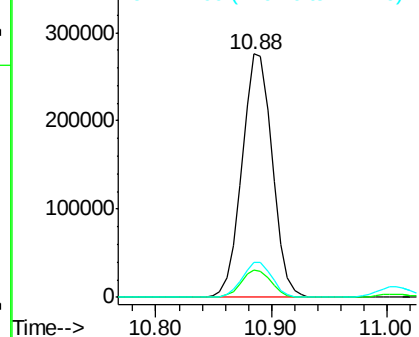
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	10.0	15.0
127	14.5	12.3	18.5

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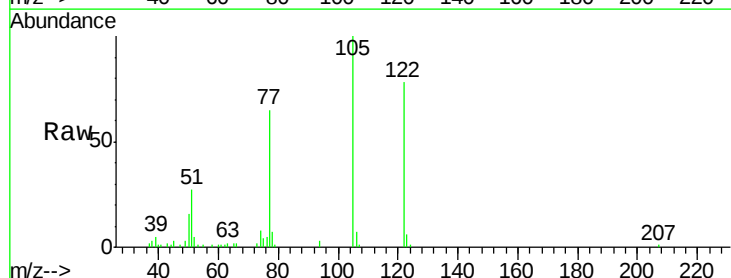


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

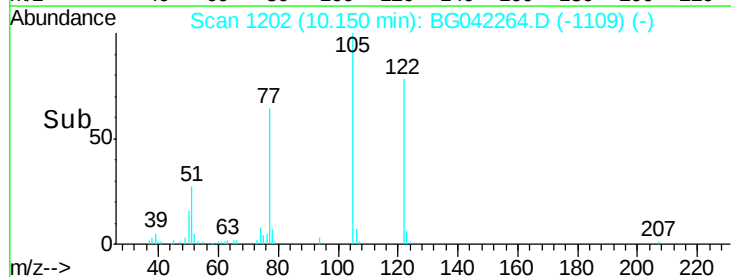
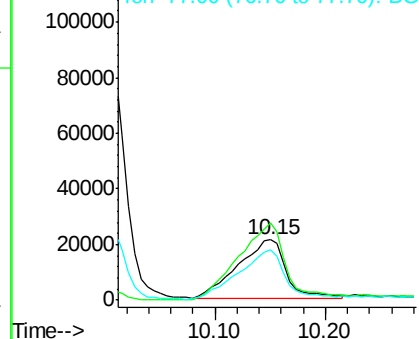


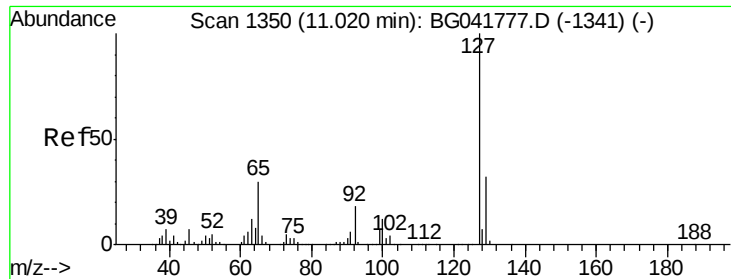
#32
Benzoic acid
Concen: 33.669 ng
RT: 10.15 min Scan# 1202
Delta R.T. 0.02 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.9	101.5	141.5
77	84.4	73.0	113.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO





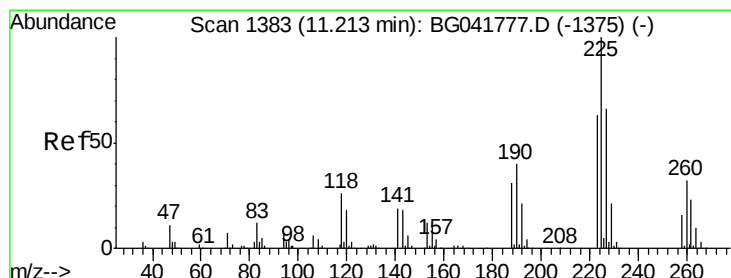
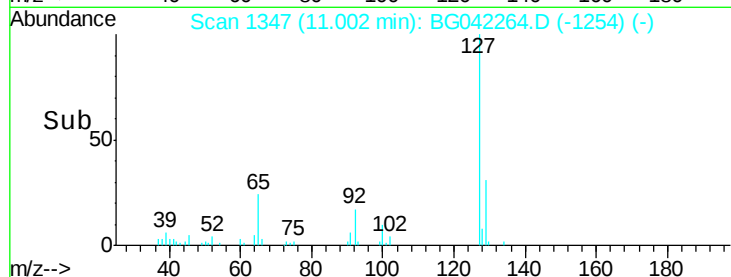
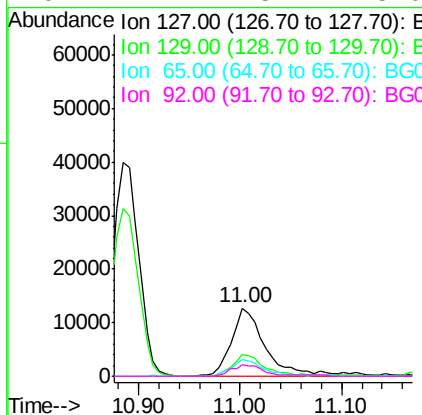
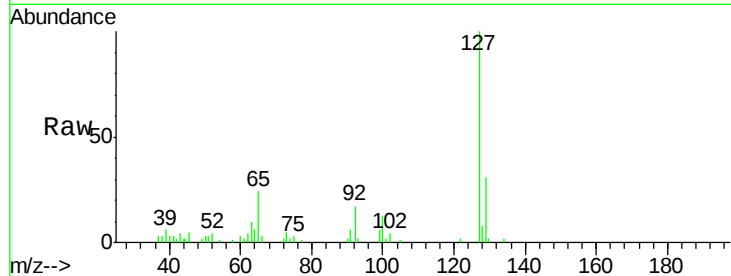
#33
 4-Chloroaniline
 Concen: 5.763 ng
 RT: 11.00 min Scan# 1347
 Delta R.T. 0.02 min
 Lab File: BG042264.D
 Acq: 16 Aug 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-C1-C4-(0-2)MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.8	38.8
65	23.7	26.7	40.1
92	17.2	15.4	23.0

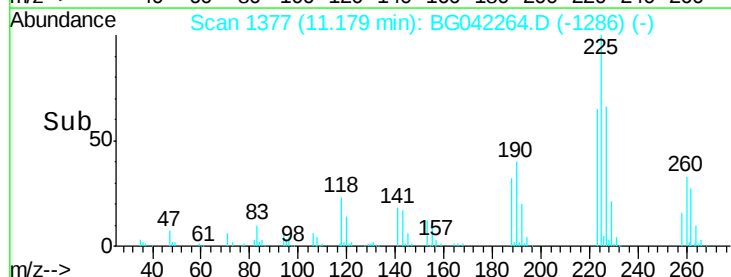
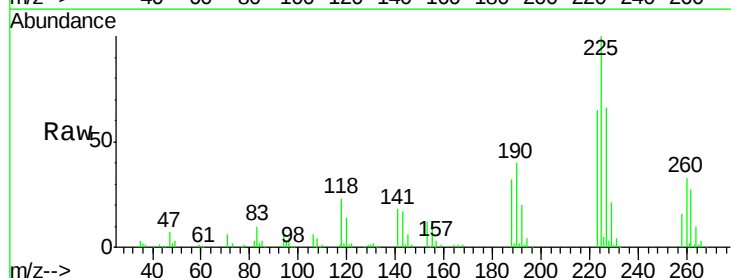
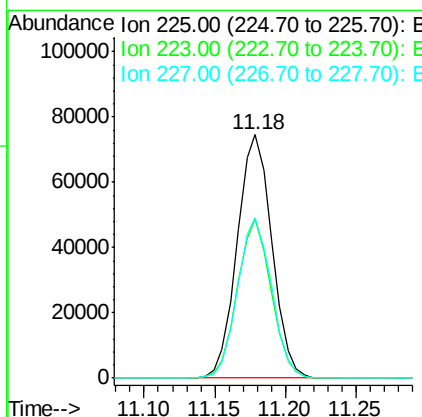
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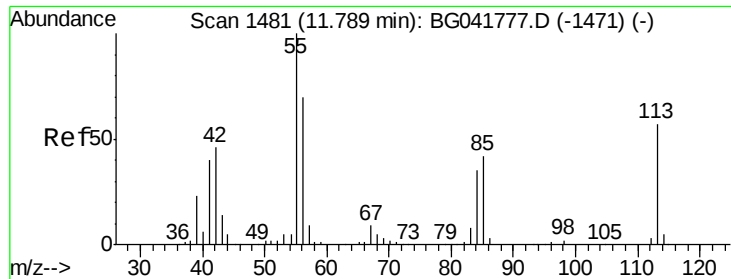
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#34
 Hexachlorobutadiene
 Concen: 41.671 ng
 RT: 11.18 min Scan# 1377
 Delta R.T. 0.01 min
 Lab File: BG042264.D
 Acq: 16 Aug 2019 17:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.4	51.1	76.7
227	65.7	50.9	76.3





#35

Caprolactam

Concen: 36.998 ng/mL

RT: 11.77 min Scan# 1478

Delta R.T. 0.01 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

Instrument :

BNA_G

ClientSampleId :

REACTOR-3-C1-C4-(0-2)MS

Tot Ion:113 Resp: 46137

Ion Ratio Lower Upper

113 100

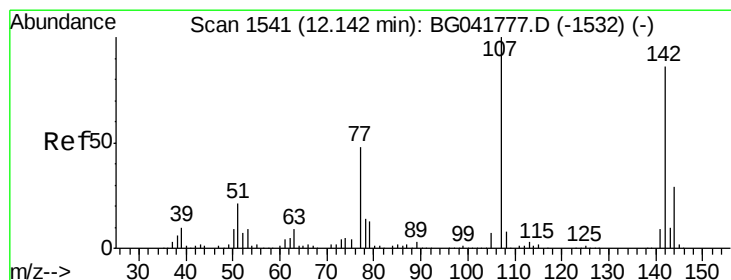
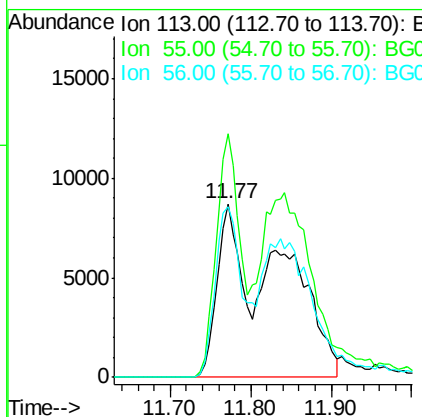
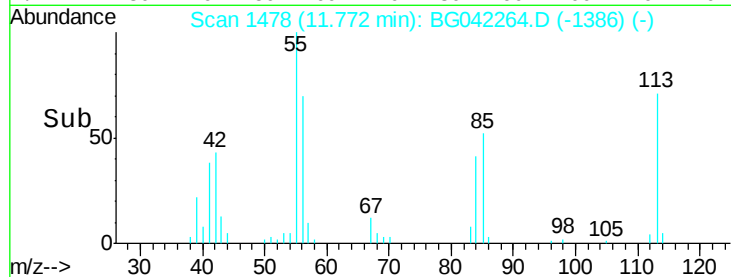
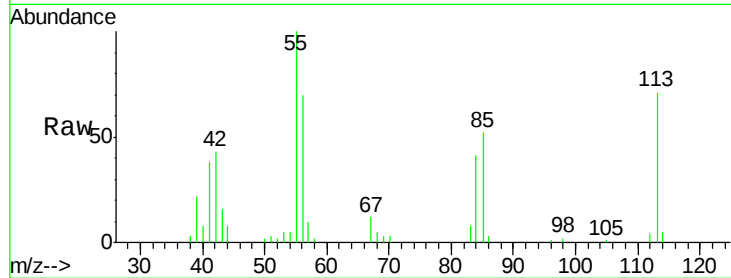
55 140.2 199.4 239.4#

56 98.2 133.6 173.6#

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#36

4-Chloro-3-methylphenol

Concen: 51.572 ng/mL

RT: 12.13 min Scan# 1539

Delta R.T. 0.01 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

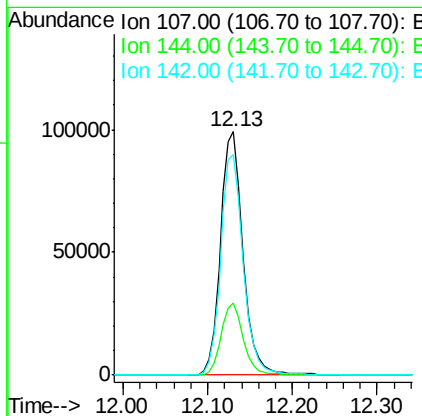
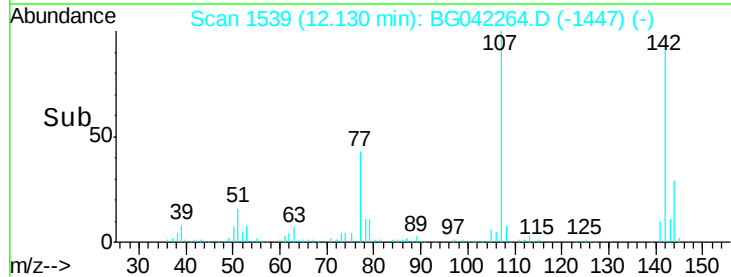
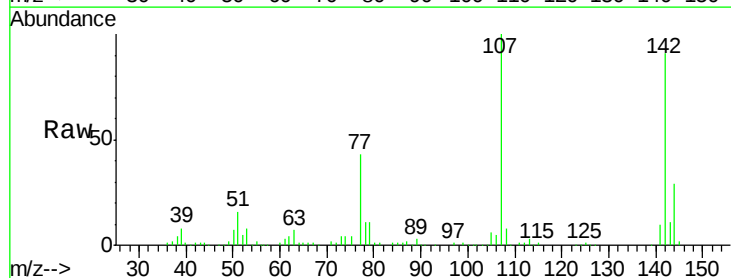
Tgt Ion:107 Resp: 183461

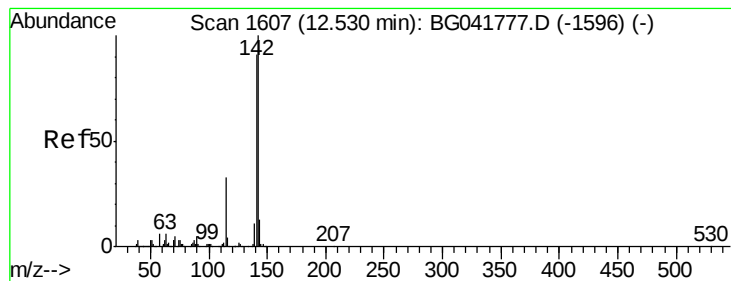
Ion Ratio Lower Upper

107 100

144 29.4 22.2 33.2

142 90.6 67.3 100.9





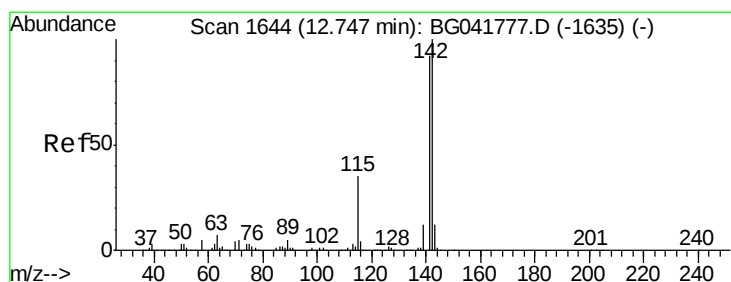
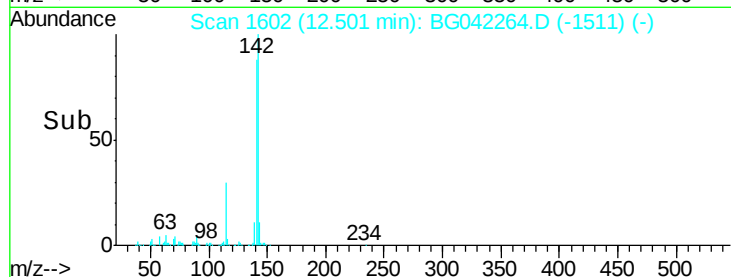
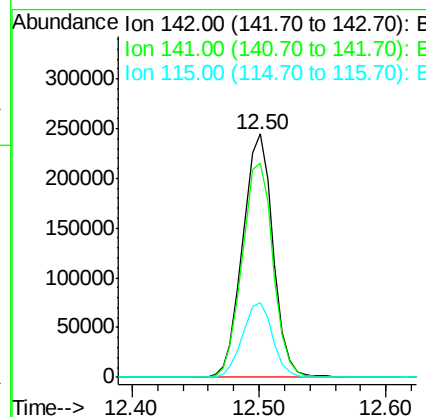
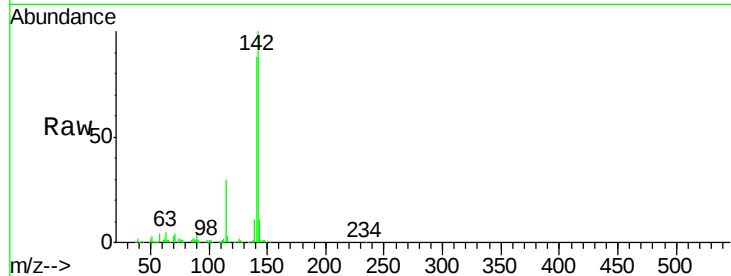
#37
2-Methylnaphthalene
Concen: 47.628 ng
RT: 12.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	72.7	109.1
115	30.5	27.0	40.4

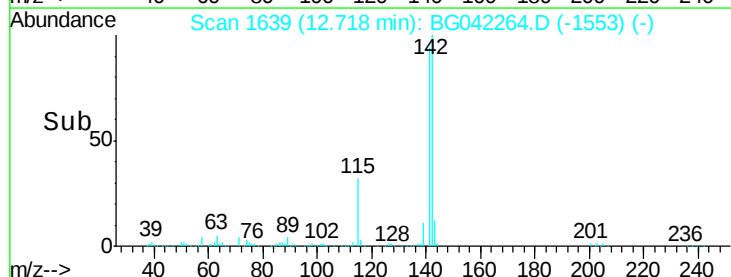
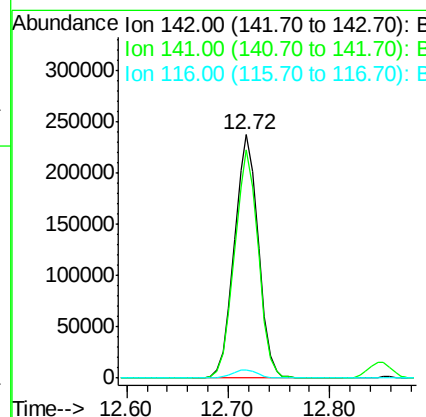
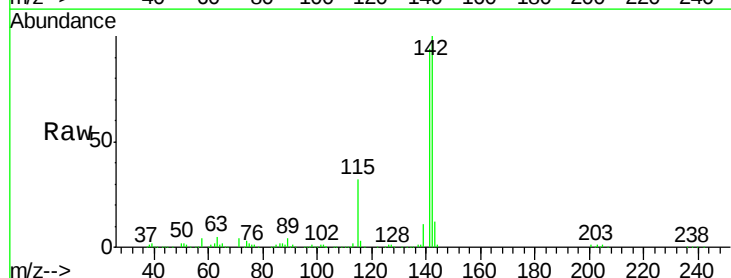
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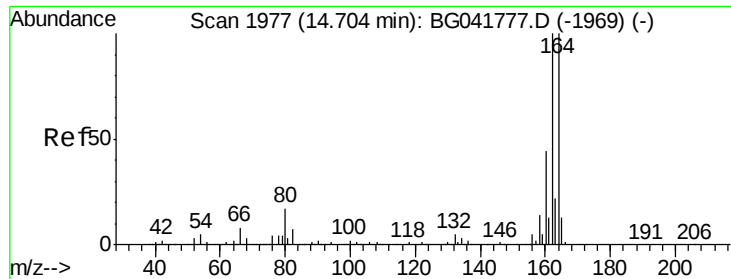
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#38
1-Methylnaphthalene
Concen: 48.034 ng
RT: 12.72 min Scan# 1639
Delta R.T. 0.01 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	75.4	113.2
116	3.4	3.2	4.8





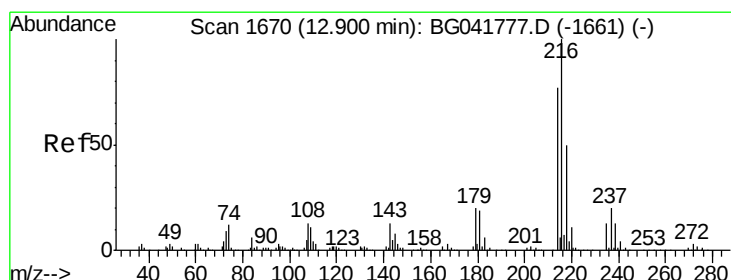
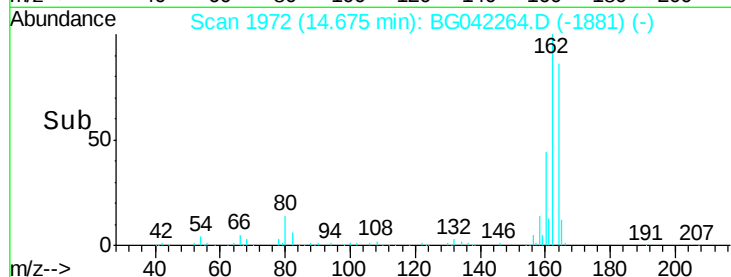
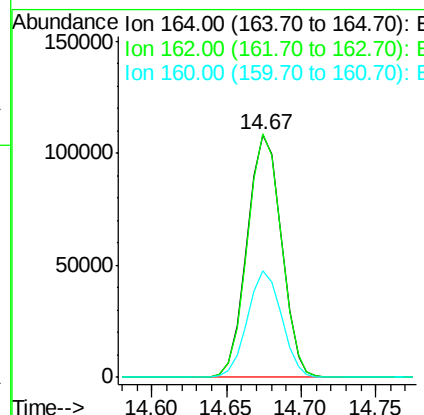
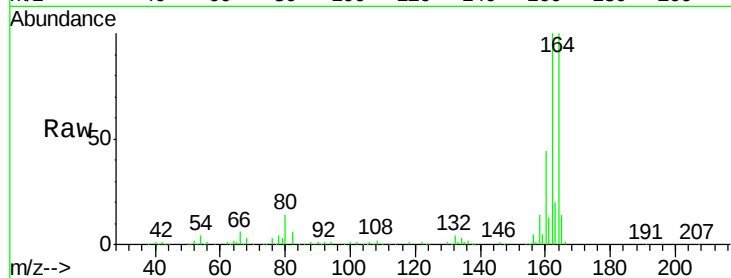
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. 0.01 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.3	79.6	119.4
160	43.9	35.4	53.0

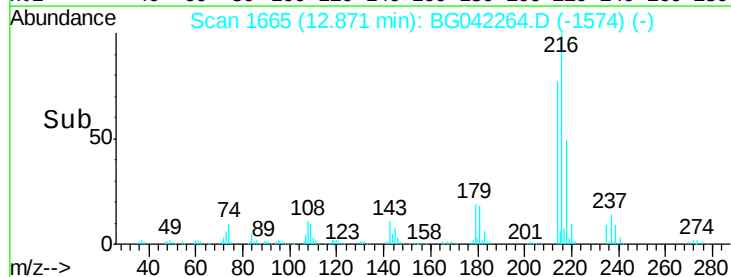
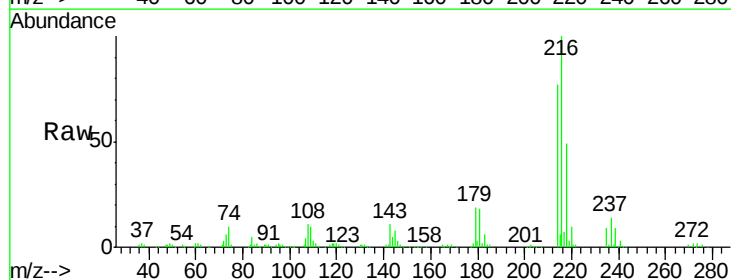
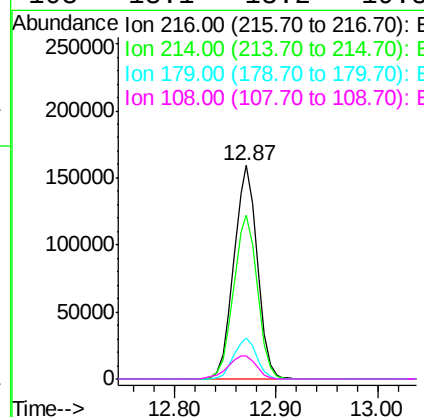
Manual Integrations
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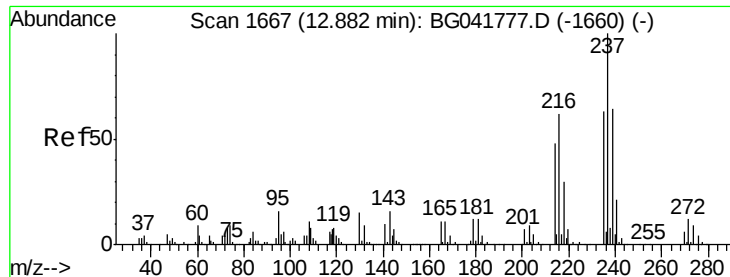
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.630 ng
RT: 12.87 min Scan# 1665
Delta R.T. 0.01 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.0	61.5	92.3
179	19.0	16.2	24.2
108	13.1	13.2	19.8#





#41

Hexachlorocyclopentadiene

Concen: 87.283 ng

RT: 12.85 min Scan# 1662

Delta R.T. 0.01 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

Instrument :

BNA_G

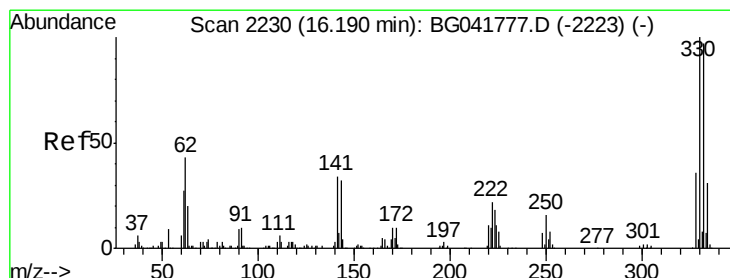
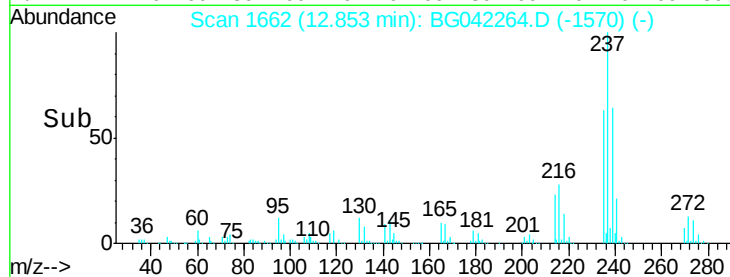
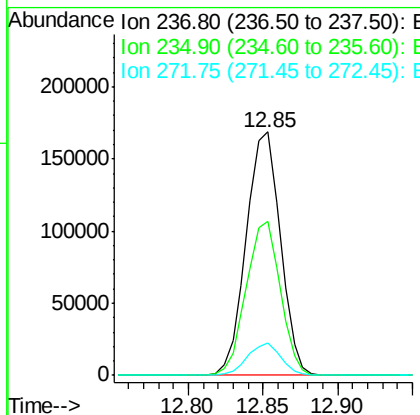
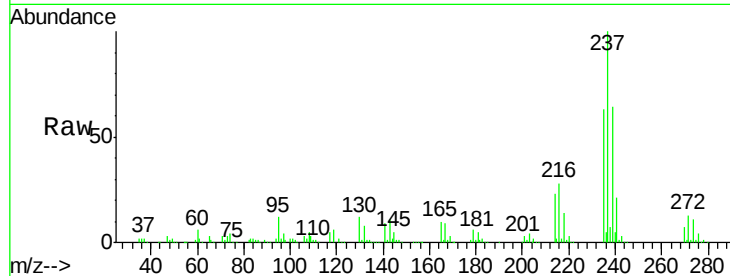
ClientSampleId :

REACTOR-3-C1-C4-(0-2)MS

Tot Ion:	237	Resp:	266870
Ion Ratio		Lower	Upper
237	100		
235	63.0	43.5	83.5
272	13.3	0.0	31.2

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 184.966 ng

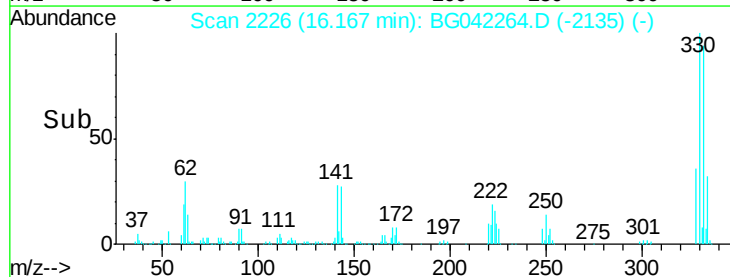
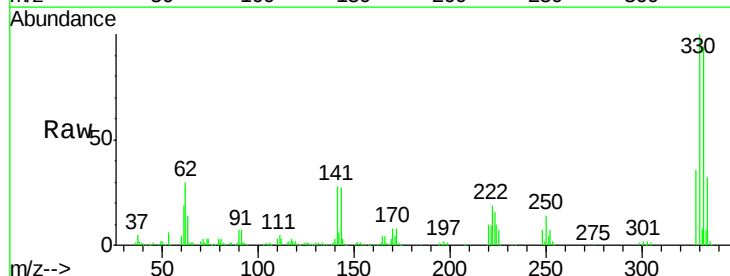
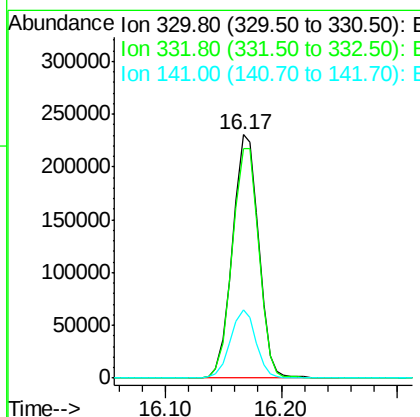
RT: 16.17 min Scan# 2226

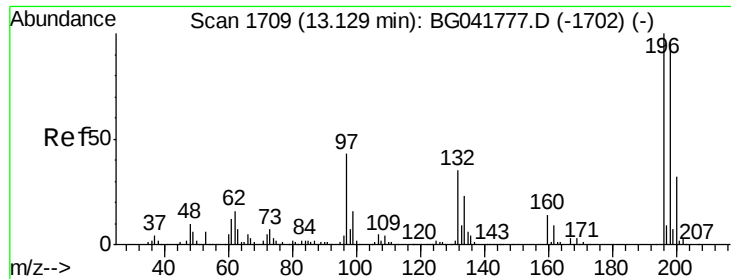
Delta R.T. 0.01 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

Tgt Ion:	330	Resp:	360948
Ion Ratio		Lower	Upper
330	100		
332	96.7	77.4	116.0
141	27.7	31.9	47.9#





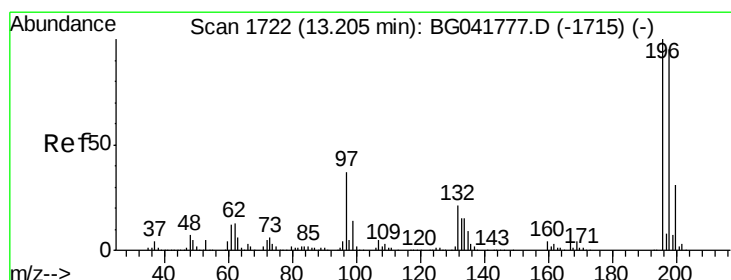
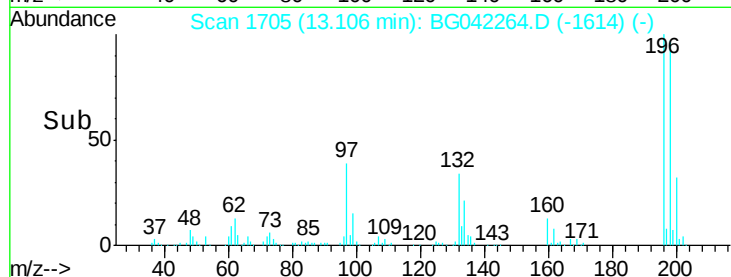
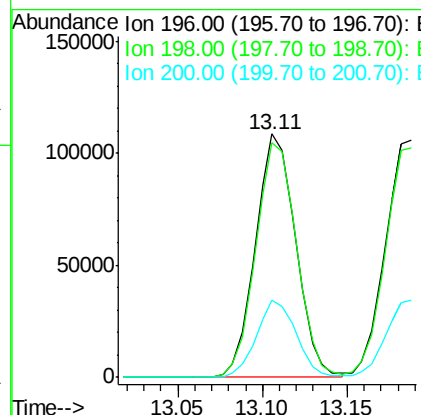
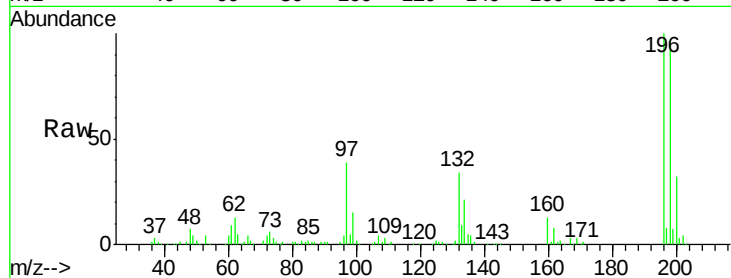
#43
 2,4,6-Trichlorophenol
 Concen: 52.208 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. 0.01 min
 Lab File: BG042264.D
 Acq: 16 Aug 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-C1-C4-(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	179447		
198	96.5	79.6	119.4	
200	31.6	25.2	37.8	

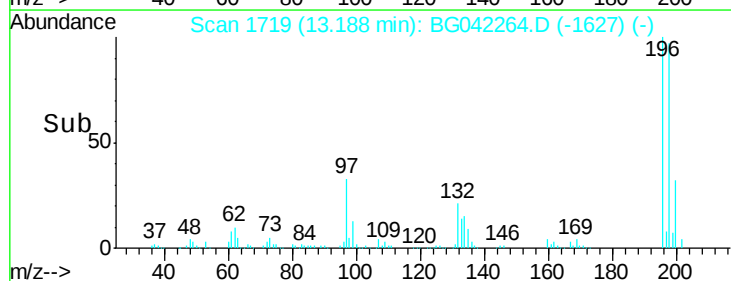
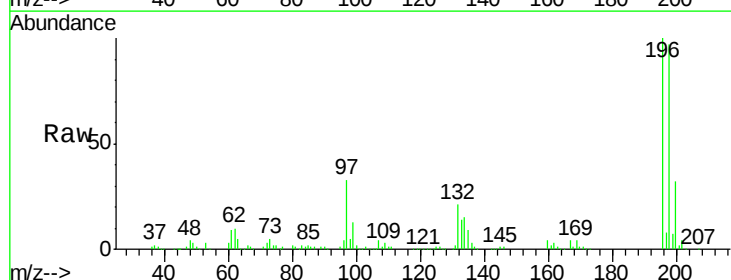
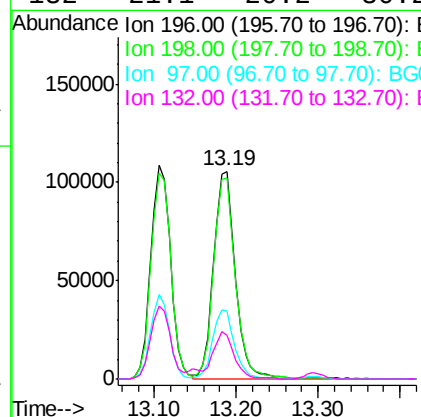
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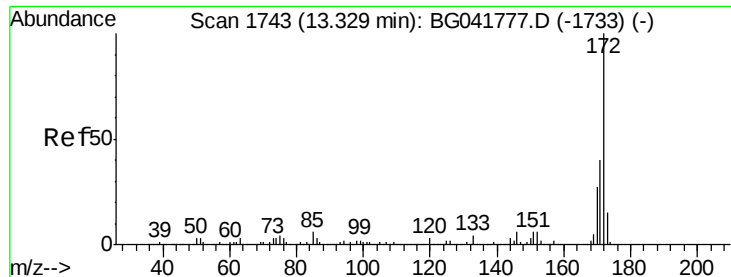
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#44
 2,4,5-Trichlorophenol
 Concen: 54.815 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.01 min
 Lab File: BG042264.D
 Acq: 16 Aug 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	195791		
198	96.8	80.6	121.0	
97	32.8	33.9	50.9	
132	21.1	20.2	30.2	





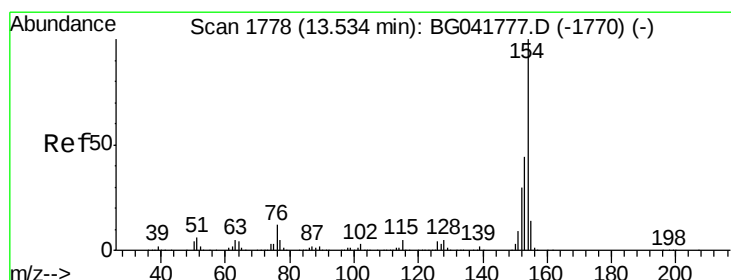
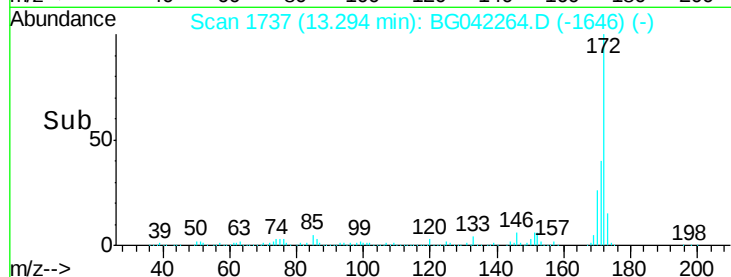
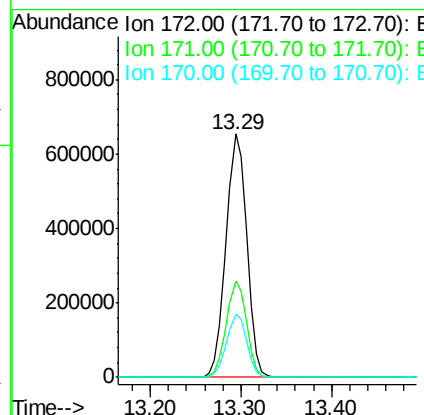
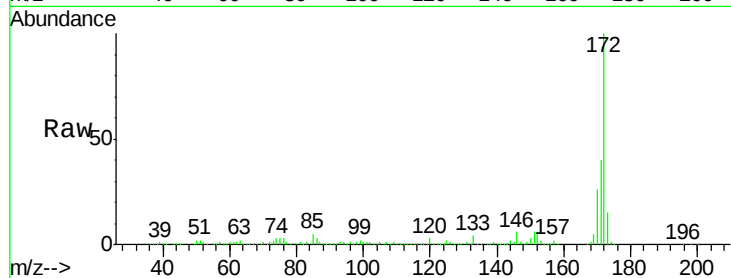
#45
 2-Fluorobiphenyl
 Concen: 106.649 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. 0.01 min
 Lab File: BG042264.D
 Acq: 16 Aug 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-C1-C4-(0-2)MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.6	35.0	52.4
170	26.0	23.5	35.3

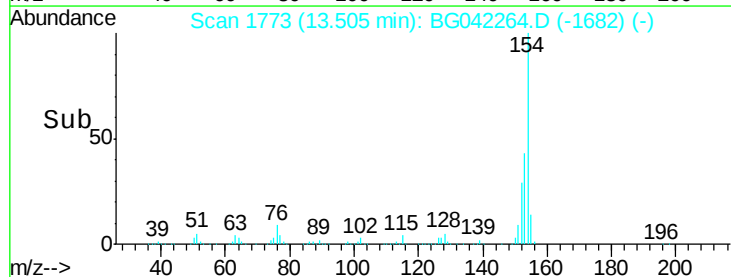
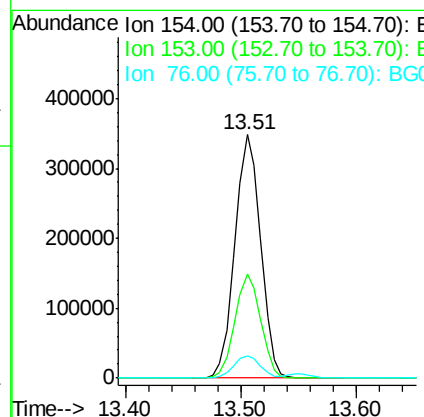
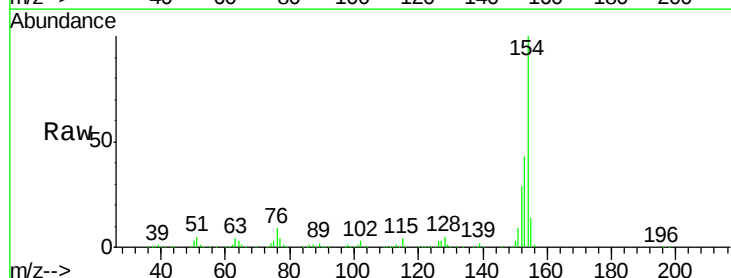
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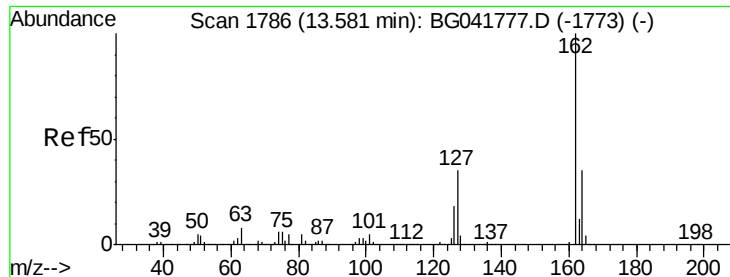
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#46
 1,1'-Biphenyl
 Concen: 48.546 ng
 RT: 13.51 min Scan# 1773
 Delta R.T. 0.01 min
 Lab File: BG042264.D
 Acq: 16 Aug 2019 17:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.8	25.0	65.0
76	9.4	0.0	34.5





#47

2-Chloronaphthalene

Concen: 46.514 ng

RT: 13.55 min Scan# 1781

Delta R.T. 0.01 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

Instrument :

BNA_G

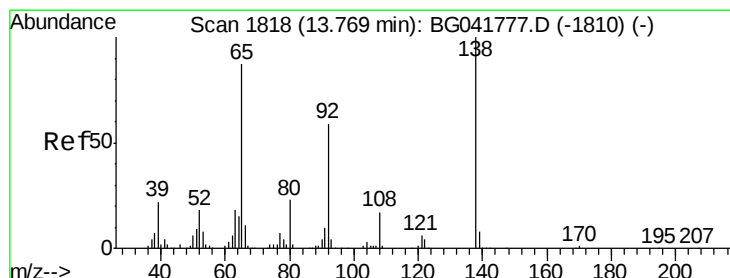
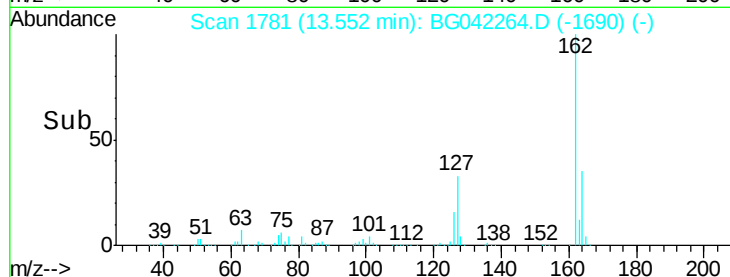
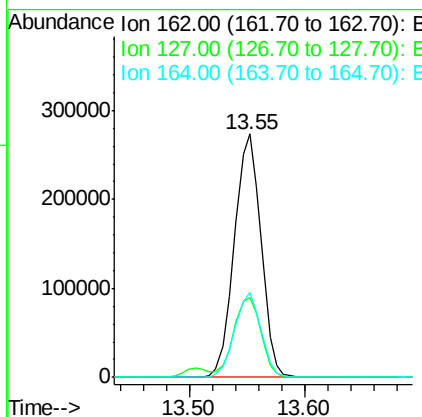
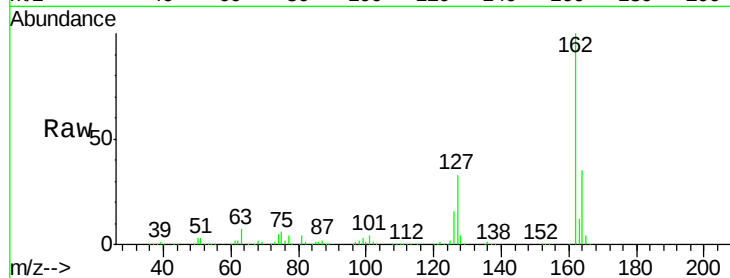
ClientSampleId :

REACTOR-3-C1-C4-(0-2)MS

Tot Ion:	162	Resp:	437360
Ion Ratio		Lower	Upper
162	100		
127	32.6	30.4	45.6
164	34.8	28.6	42.8

Manual Integrations
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#48

2-Nitroaniline

Concen: 44.306 ng

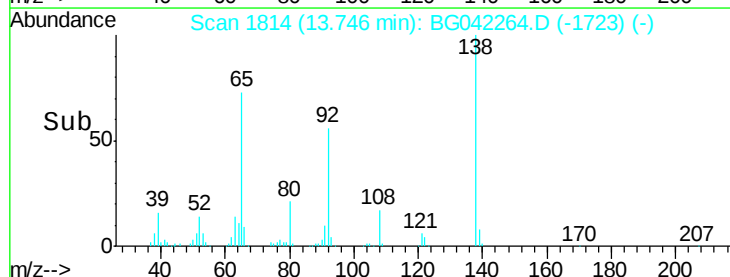
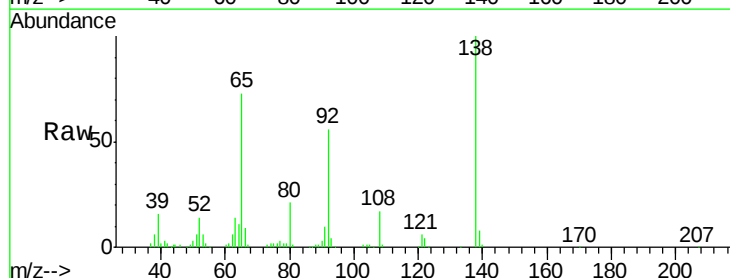
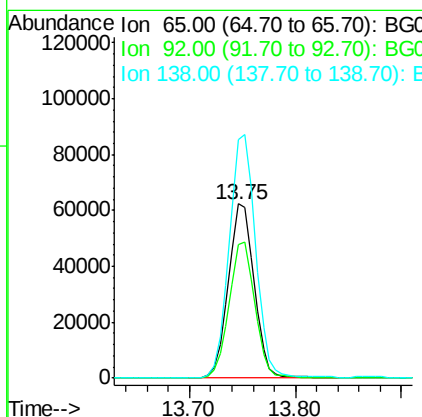
RT: 13.75 min Scan# 1814

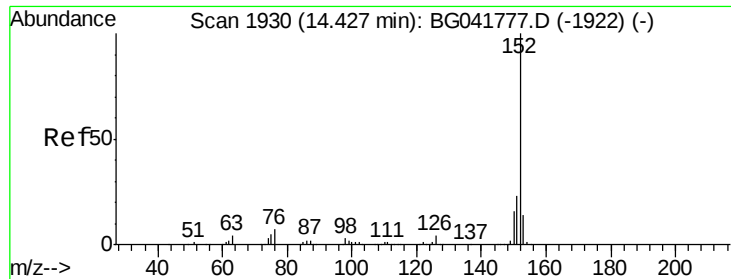
Delta R.T. 0.01 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

Tgt Ion:	65	Resp:	105657
Ion Ratio		Lower	Upper
65	100		
92	76.4	53.9	80.9
138	136.9	83.5	125.3#





#49

Acenaphthylene

Concen: 49.724 ng

RT: 14.40 min Scan# 1925

Delta R.T. 0.01 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

Instrument :

BNA_G

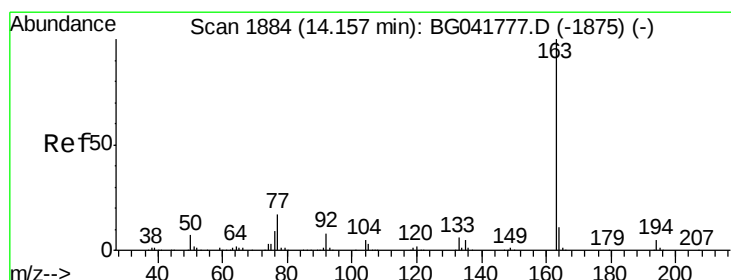
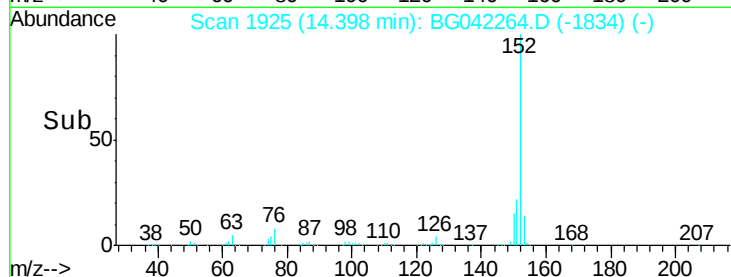
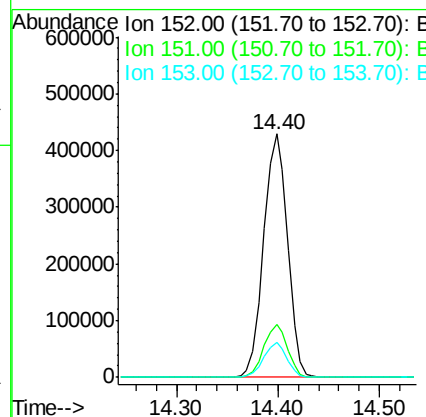
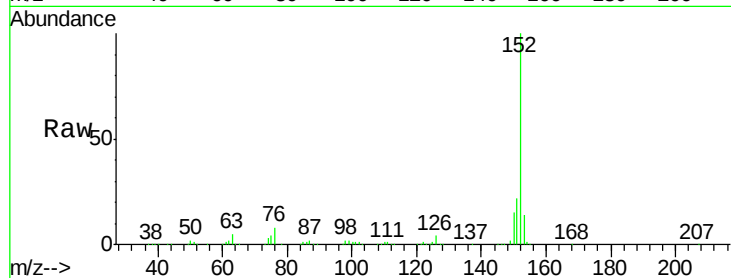
ClientSampleId :

REACTOR-3-C1-C4-(0-2)MS

Tot Ion:	152	Resp:	699359
Ion Ratio	Lower	Upper	
152	100		
151	21.6	18.7	28.1
153	14.2	12.4	18.6

Manual Integrations
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#50

Dimethylphthalate

Concen: 49.733 ng

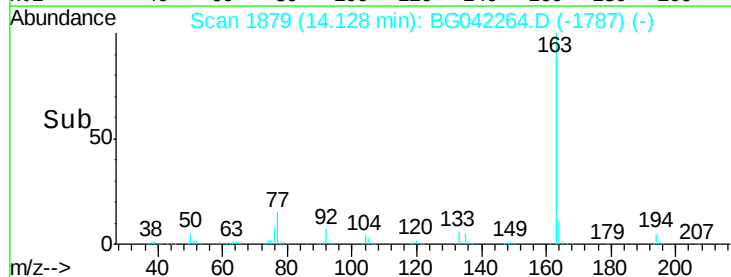
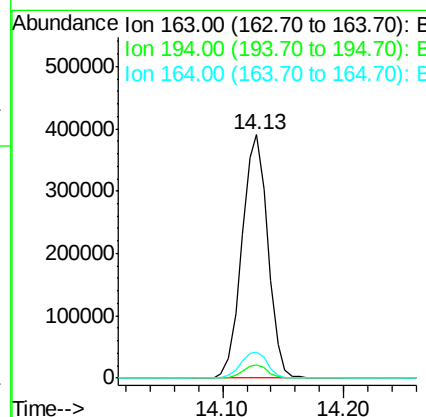
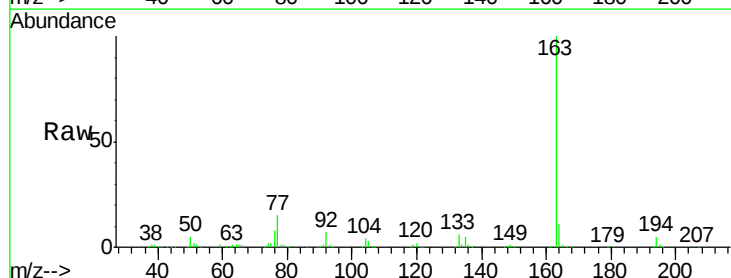
RT: 14.13 min Scan# 1879

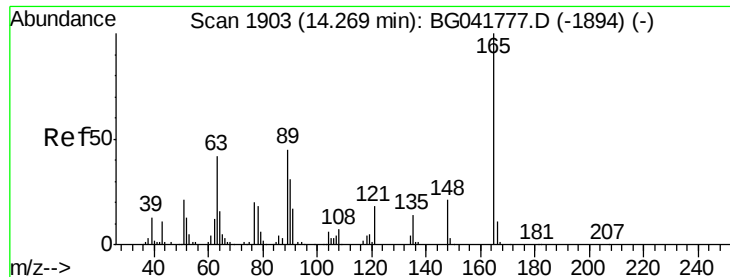
Delta R.T. 0.01 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

Tgt Ion:	163	Resp:	583530
Ion Ratio	Lower	Upper	
163	100		
194	5.4	4.2	6.2
164	10.9	9.4	14.2





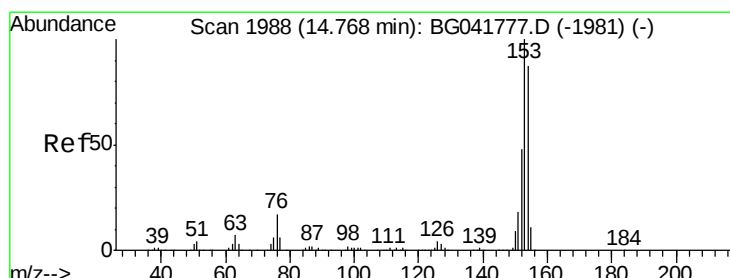
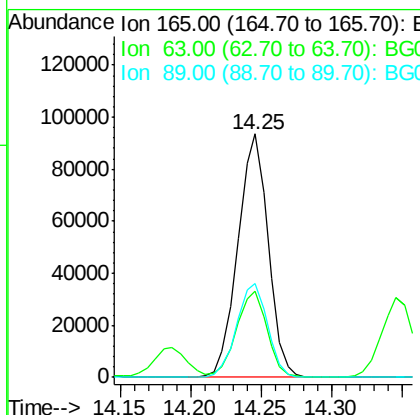
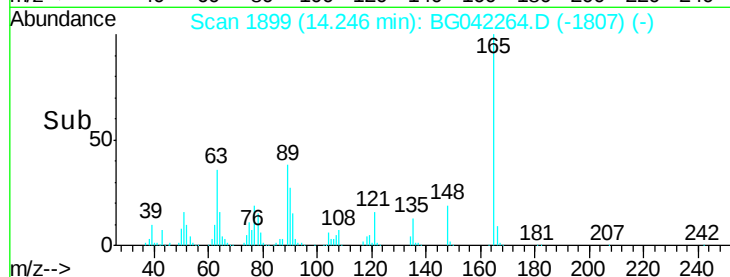
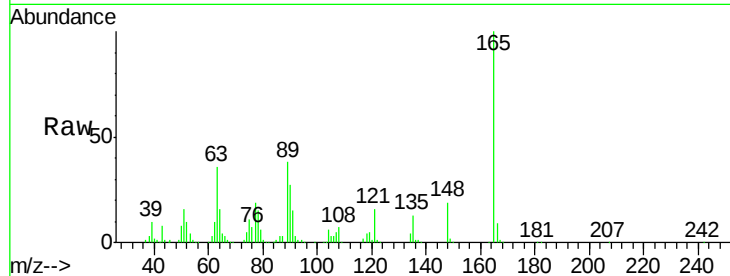
#51
2,6-Dinitrotoluene
Concen: 57.161 ng
RT: 14.25 min Scan# 1899
Delta R.T. 0.01 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	35.6	42.4	63.6#
89	38.4	42.1	63.1#

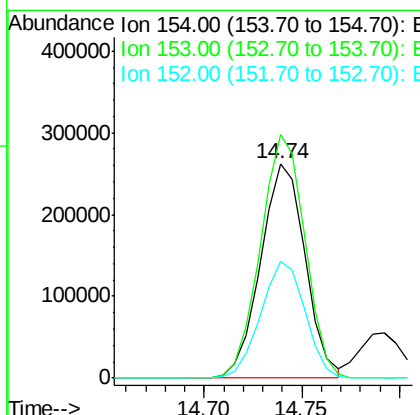
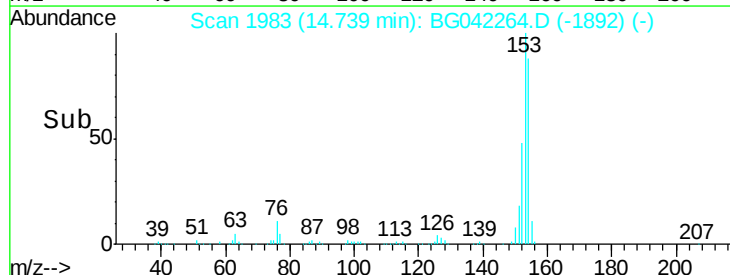
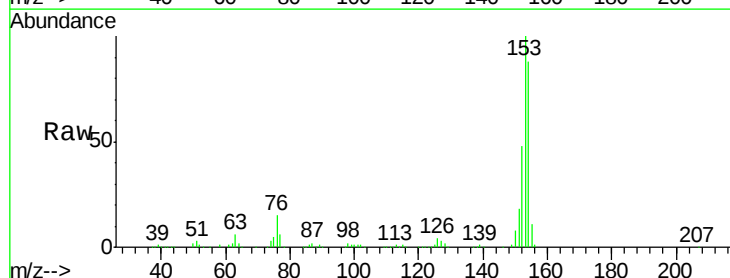
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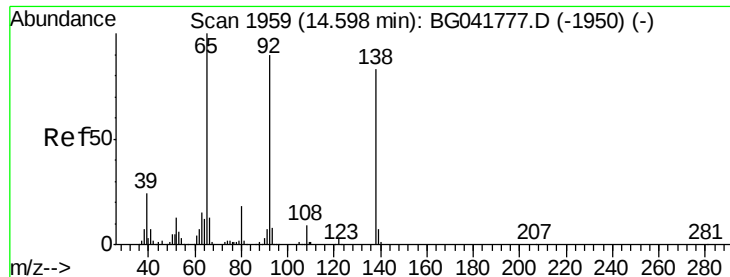
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#52
Acenaphthene
Concen: 45.127 ng
RT: 14.74 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.6	89.8	134.6
152	54.3	44.9	67.3





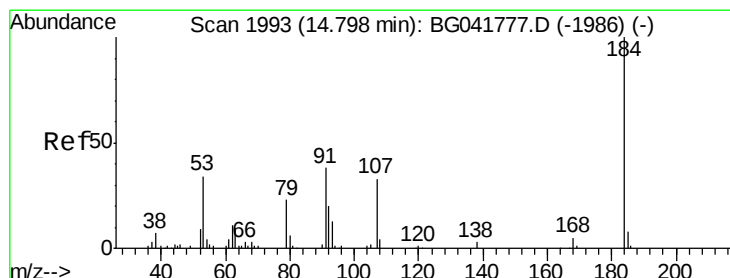
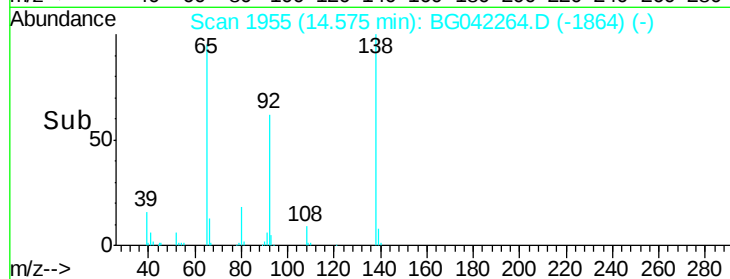
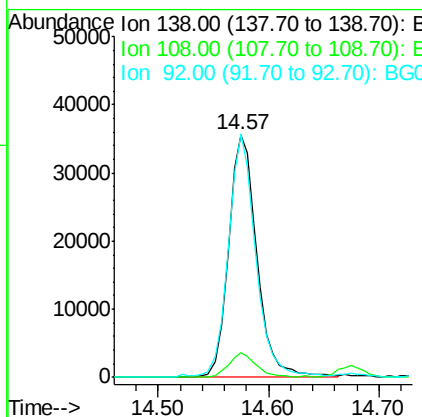
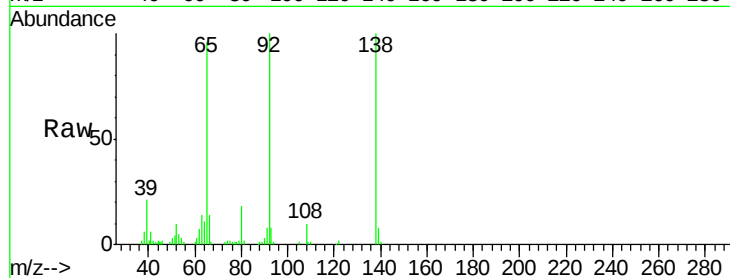
#53
 3-Nitroaniline
 Concen: 24.295 ng
 RT: 14.57 min Scan# 1955
 Delta R.T. 0.01 min
 Lab File: BG042264.D
 Acq: 16 Aug 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-C1-C4-(0-2)MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	10.3	15.5#
92	100.3	93.0	139.4

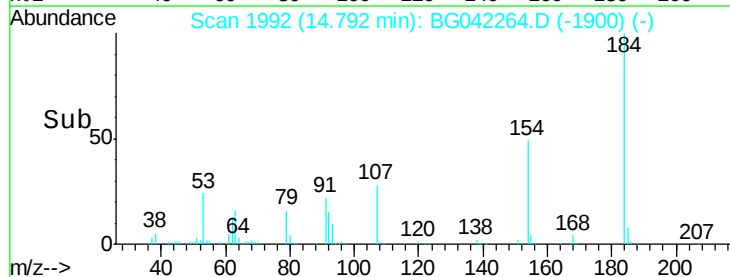
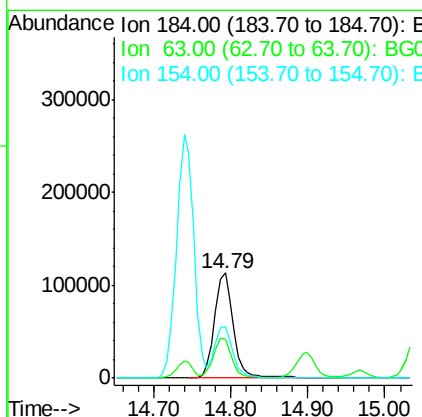
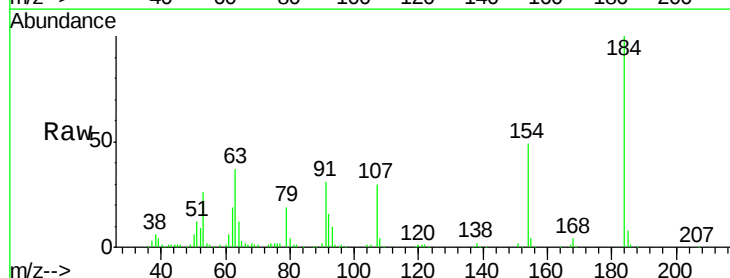
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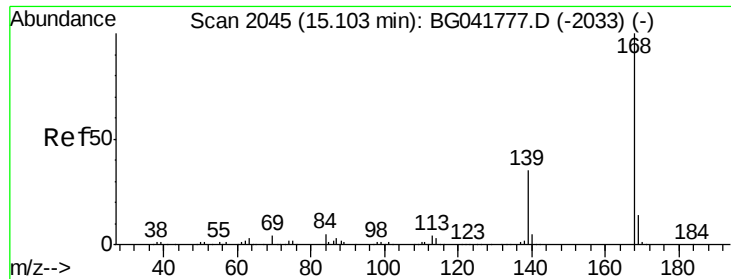
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#54
 2,4-Dinitrophenol
 Concen: 112.430 ng
 RT: 14.79 min Scan# 1992
 Delta R.T. 0.01 min
 Lab File: BG042264.D
 Acq: 16 Aug 2019 17:57

Tgt Ion	Ratio	Lower	Upper
184	100		
63	36.9	43.2	64.8#
154	49.5	51.4	77.2#





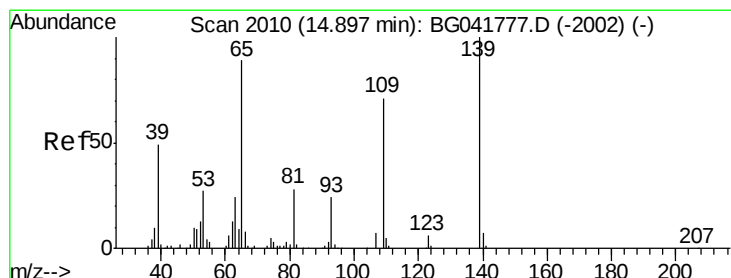
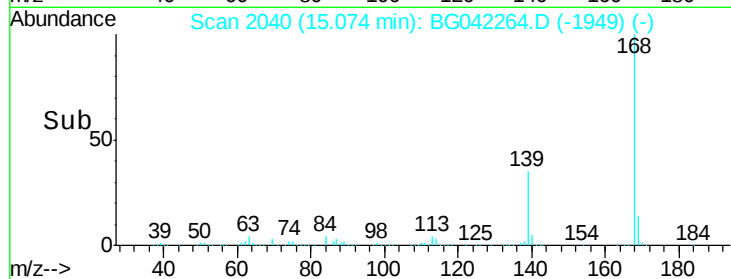
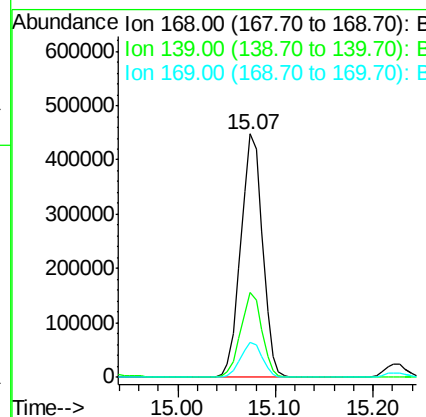
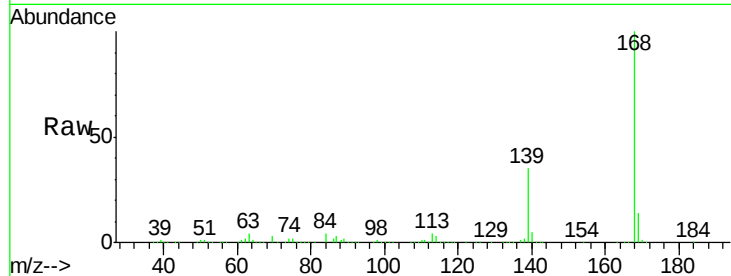
#55
Dibenzenofuran
Concen: 49.678 ng
RT: 15.07 min Scan# 2040
Delta R.T. 0.01 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	34.7	31.9	47.9
169	14.5	12.5	18.7

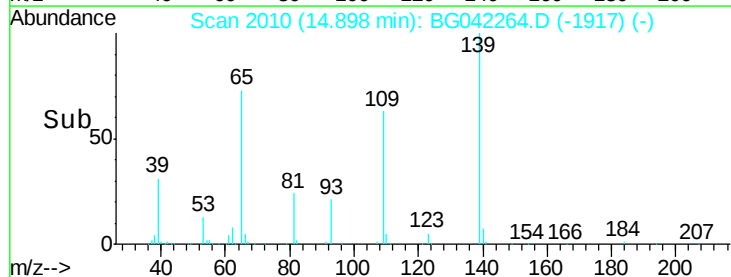
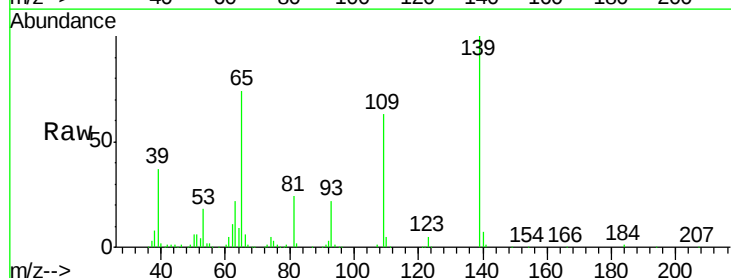
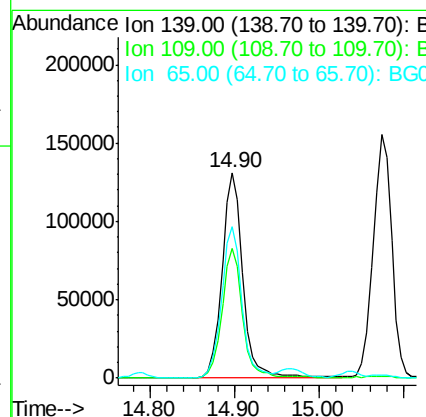
Manual Integrations
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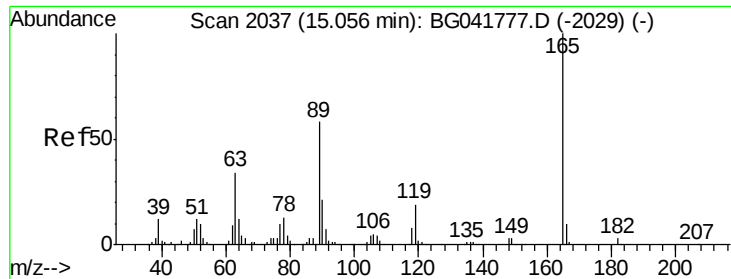
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#56
4-Nitrophenol
Concen: 113.308 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.02 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.8	51.3	91.3
65	73.9	77.6	117.6





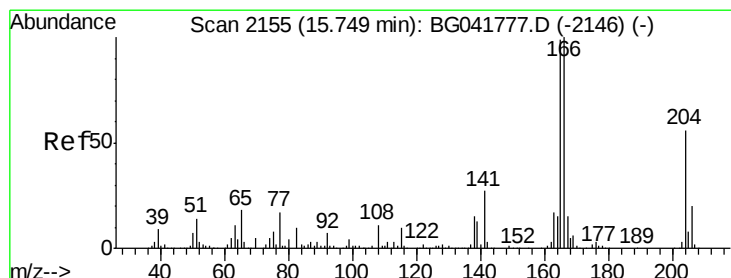
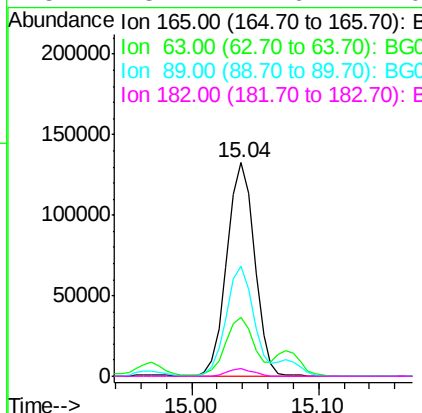
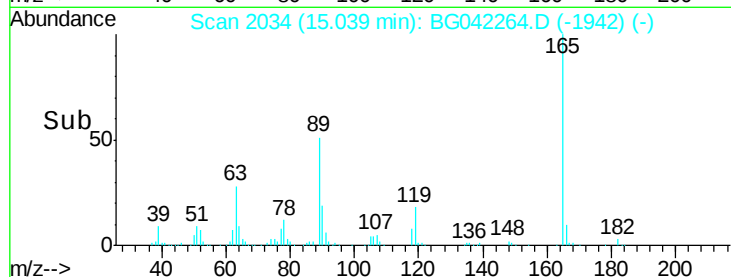
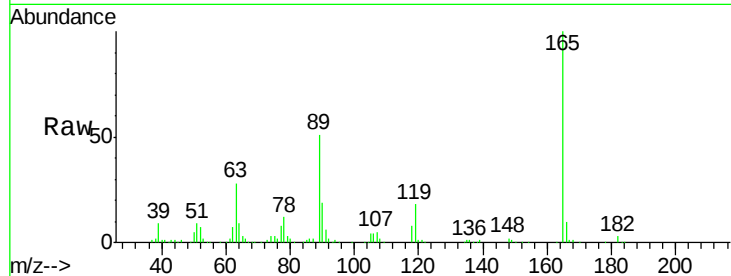
#57
2,4-Dinitrotoluene
Concen: 59.552 ng
RT: 15.04 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	200929		
63	27.5		31.7	47.5#
89	51.3		50.2	75.4
182	3.4		2.6	4.0

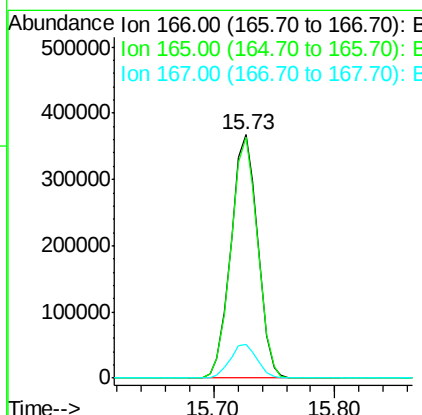
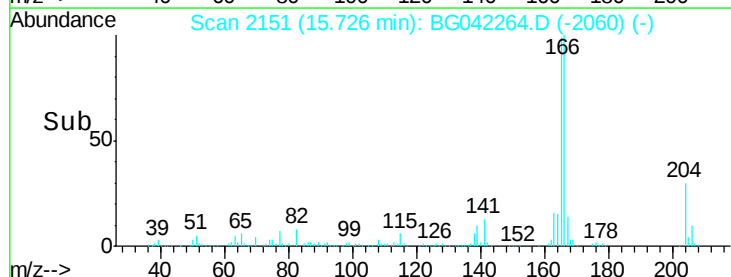
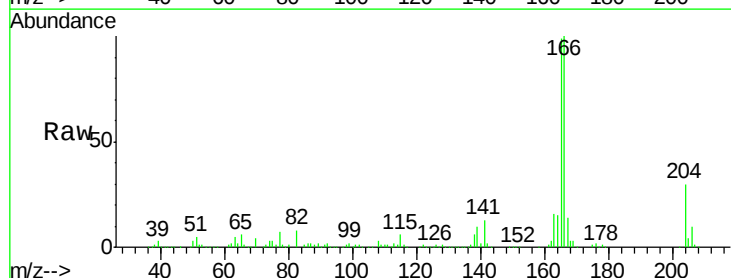
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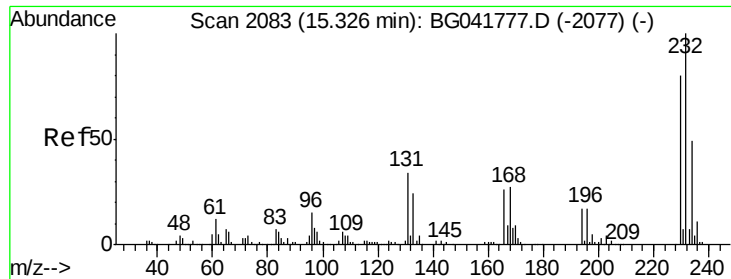
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#58
Fluorene
Concen: 50.536 ng
RT: 15.73 min Scan# 2151
Delta R.T. 0.01 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	567449		
165	99.0		80.5	120.7
167	14.0		12.4	18.6





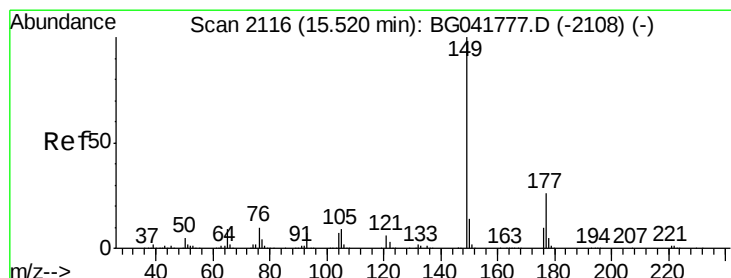
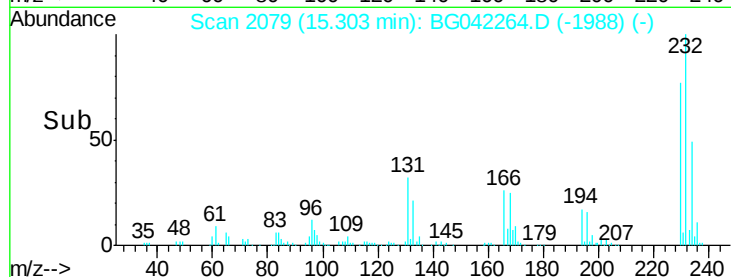
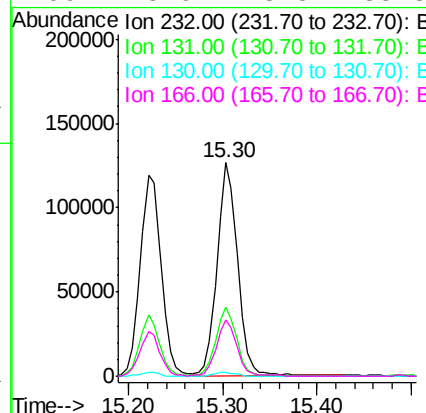
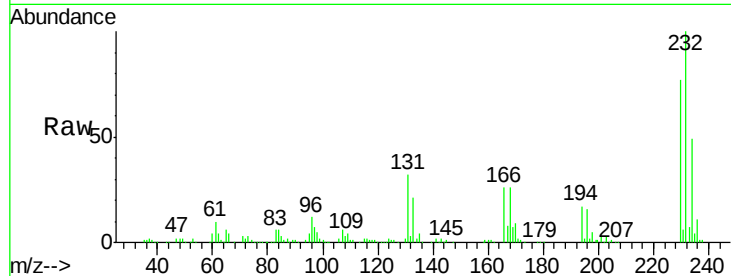
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 54.897 ng
 RT: 15.30 min Scan# 2079
 Delta R.T. 0.01 min
 Lab File: BG042264.D
 Acq: 16 Aug 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-C1-C4-(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	194207		
131	31.8	31.8	47.6#	
130	1.8	1.8	2.8#	
166	25.9	23.5	35.3	

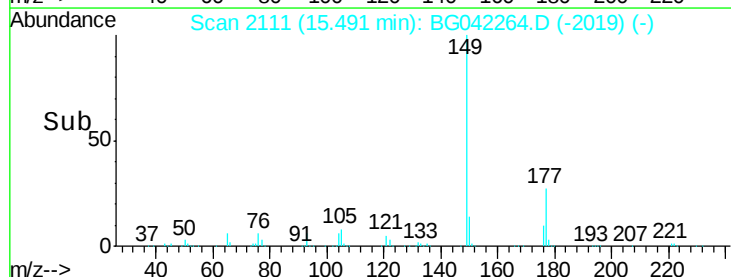
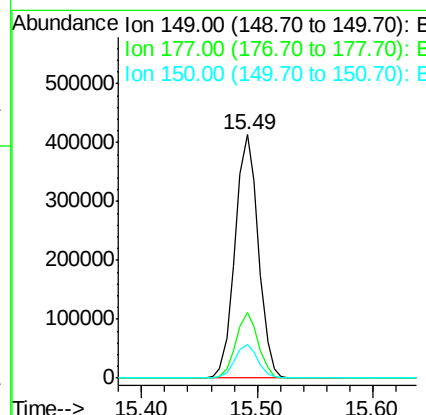
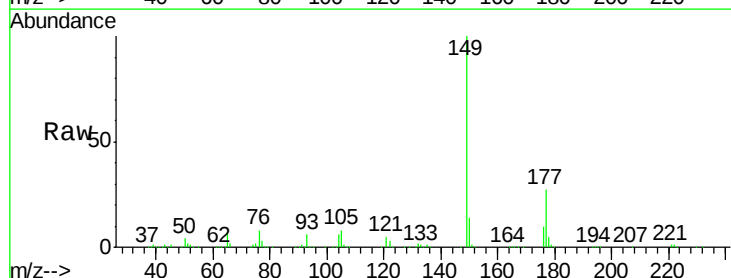
Manual Integrations
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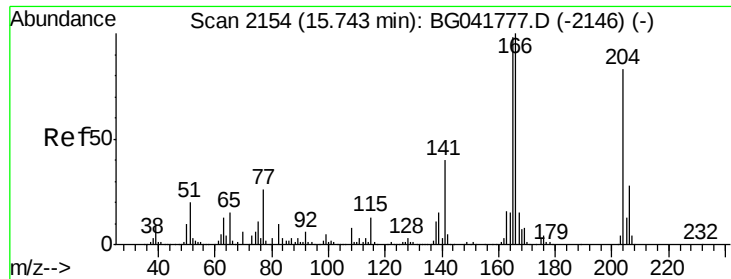
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#60
 Diethylphthalate
 Concen: 50.006 ng
 RT: 15.49 min Scan# 2111
 Delta R.T. 0.01 min
 Lab File: BG042264.D
 Acq: 16 Aug 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	576037		
177	26.8	20.7	31.1	
150	13.8	11.5	17.3	





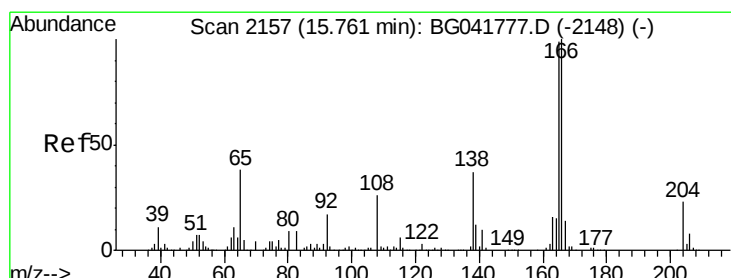
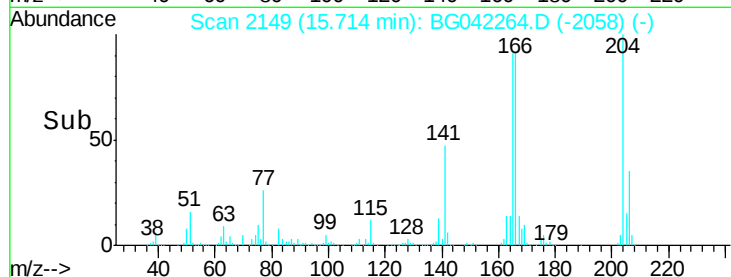
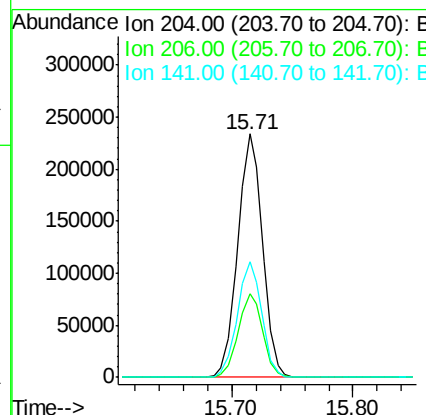
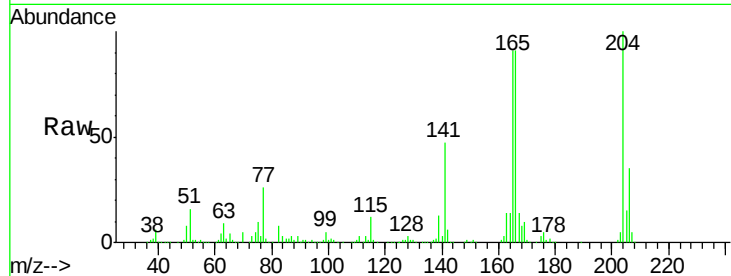
#61
 4-Chlorophenyl-phenylether
 Concen: 48.657 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. 0.01 min
 Lab File: BG042264.D
 Acq: 16 Aug 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-C1-C4-(0-2)MS

Tot Ion:	204	Resp:	333543
Ion Ratio	Lower	Upper	
204	100		
206	34.5	28.6	42.8
141	47.3	42.9	64.3

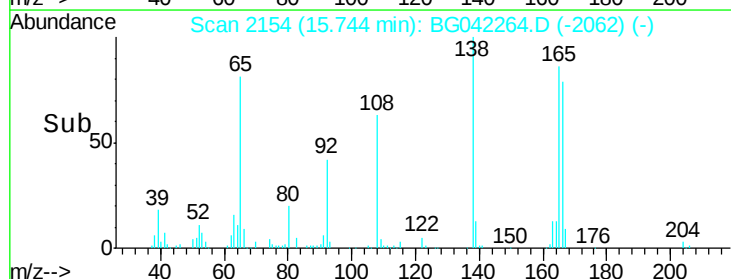
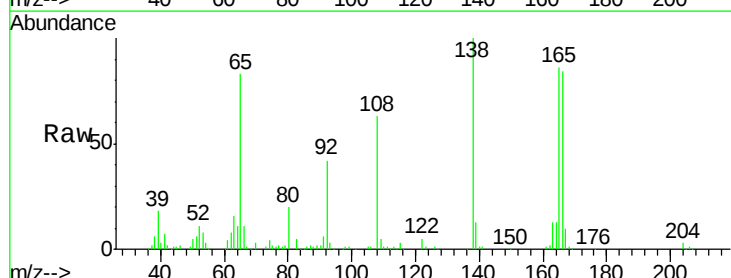
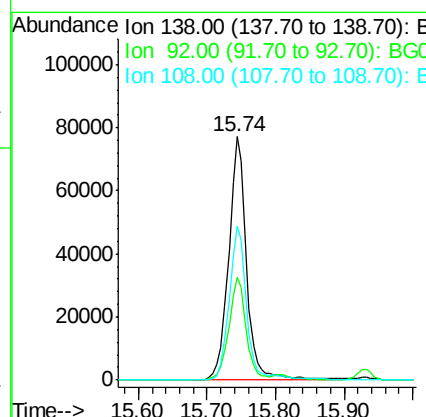
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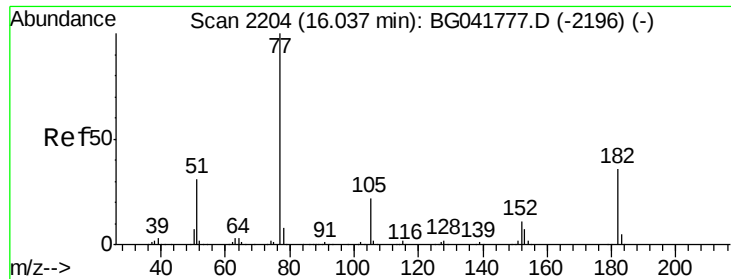
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#62
 4-Nitroaniline
 Concen: 49.682 ng
 RT: 15.74 min Scan# 2154
 Delta R.T. 0.01 min
 Lab File: BG042264.D
 Acq: 16 Aug 2019 17:57

Tgt Ion:	138	Resp:	141244
Ion Ratio	Lower	Upper	
138	100		
92	42.3	29.8	69.8
108	63.2	52.2	92.2





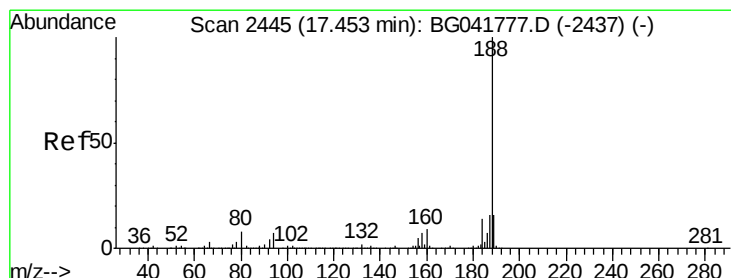
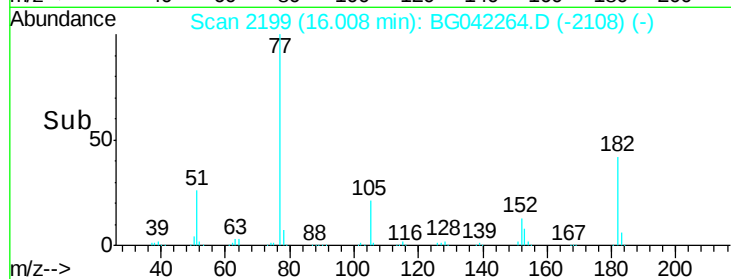
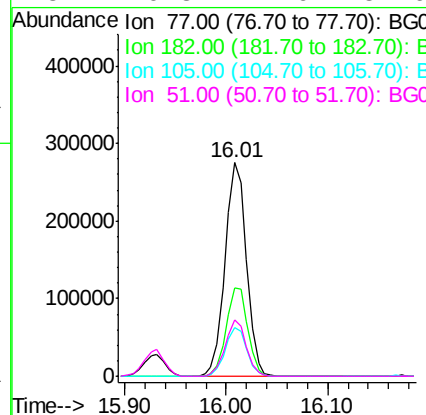
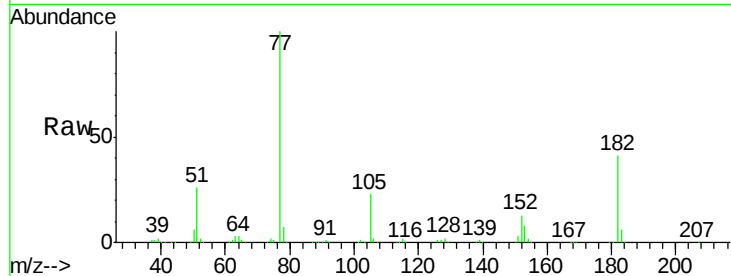
#63
Azobenzene
Concen: 42.847 ng
RT: 16.01 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	41.4	13.2	53.2	
105	22.9	2.2	42.2	
51	26.3	14.6	54.6	

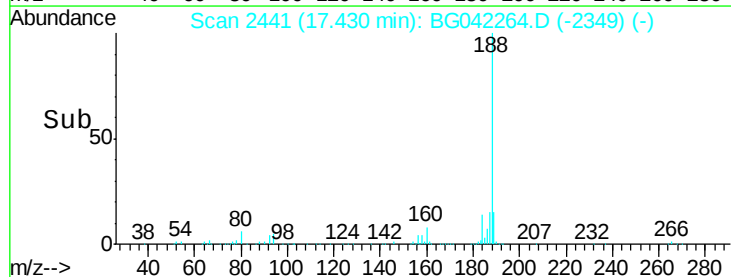
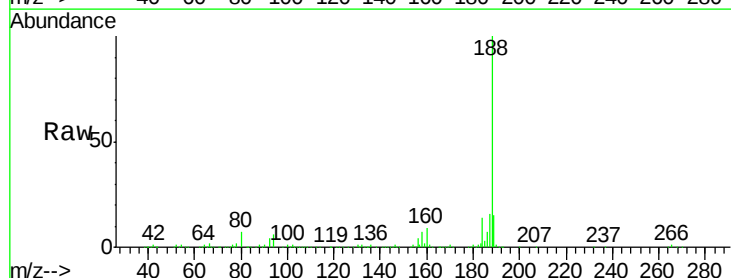
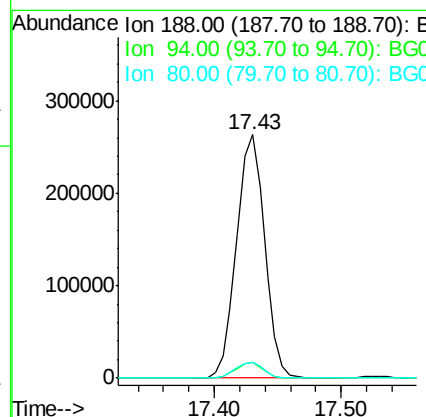
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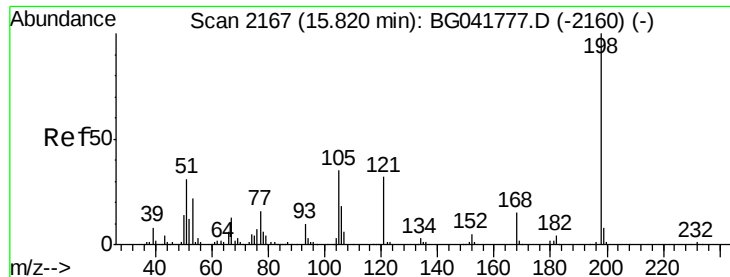
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. 0.01 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	6.5	6.9	10.3#	
80	6.7	8.0	12.0#	





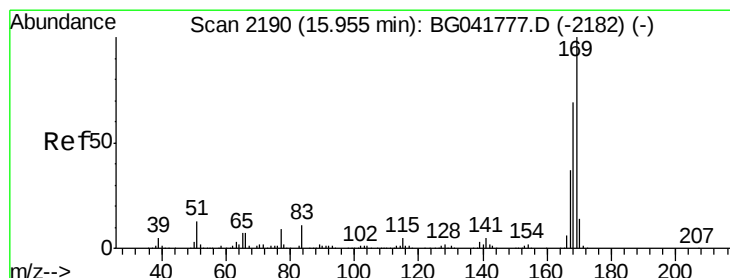
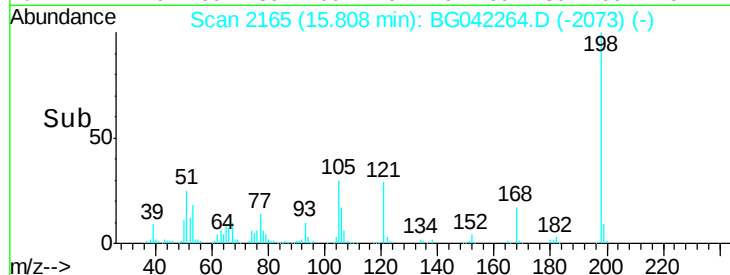
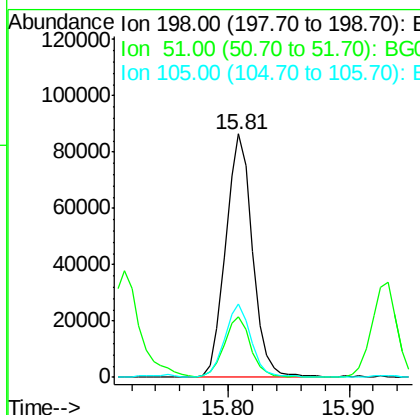
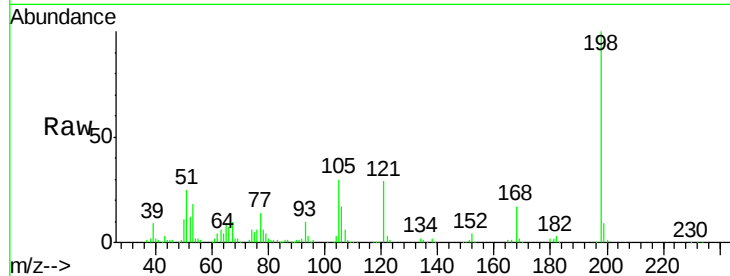
#65
 4,6-Dinitro-2-methylphenol
 Concen: 64.857 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. 0.01 min
 Lab File: BG042264.D
 Acq: 16 Aug 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-C1-C4-(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	133724		
51	25.0		22.3	62.3
105	30.2		18.0	58.0

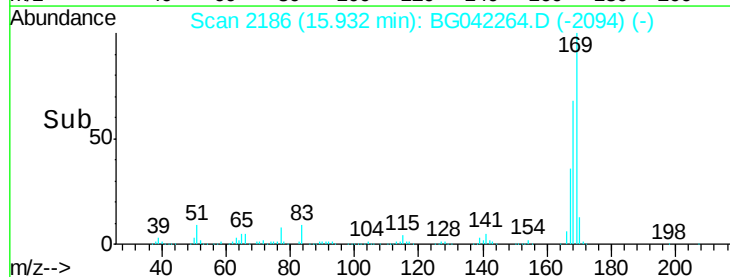
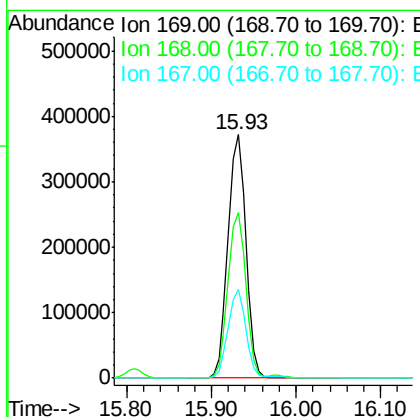
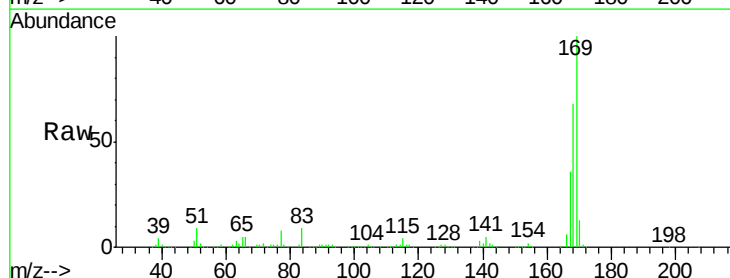
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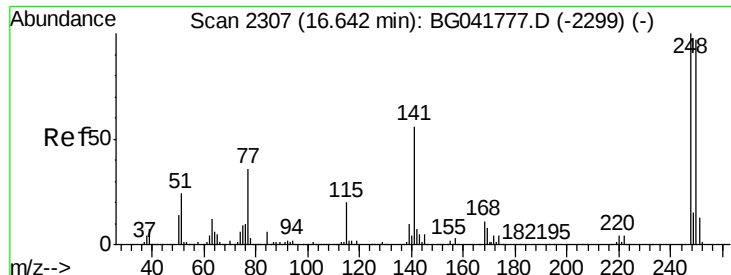
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#66
 n-Nitrosodiphenylamine
 Concen: 49.392 ng
 RT: 15.93 min Scan# 2186
 Delta R.T. 0.01 min
 Lab File: BG042264.D
 Acq: 16 Aug 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	543265		
168	67.9		56.9	85.3
167	36.4		31.5	47.3





#67

4-Bromophenyl-phenylether

Concen: 47.008 ng

RT: 16.61 min Scan# 2302

Delta R.T. 0.01 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

Instrument :

BNA_G

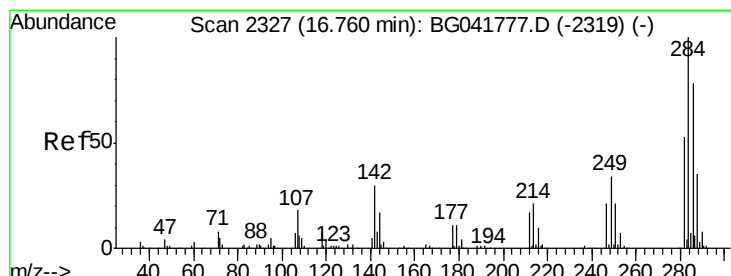
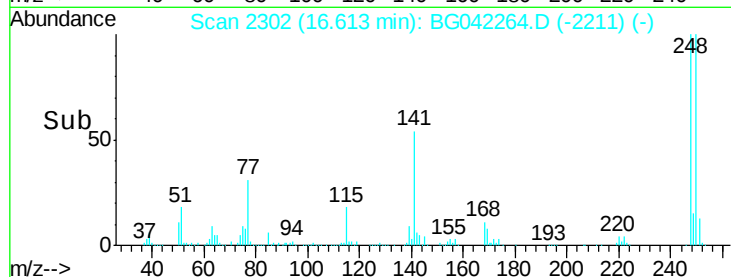
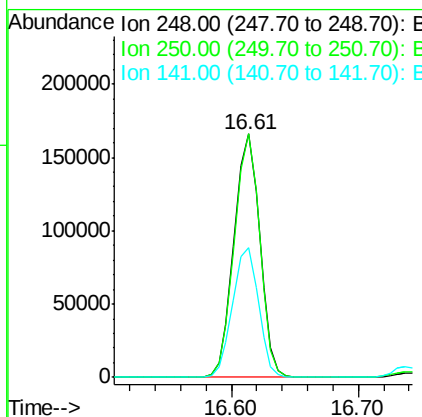
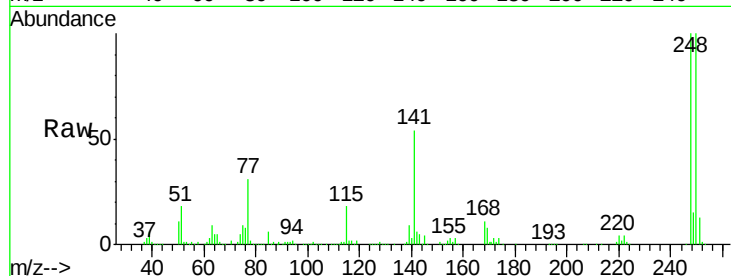
ClientSampleId :

REACTOR-3-C1-C4-(0-2)MS

Tot Ion:	248	Resp:	233815
Ion Ratio	Lower	Upper	
248	100		
250	100.1	78.1	117.1
141	53.6	49.6	74.4

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#68

Hexachlorobenzene

Concen: 47.602 ng

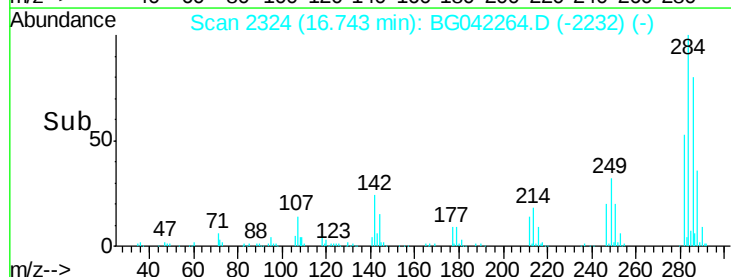
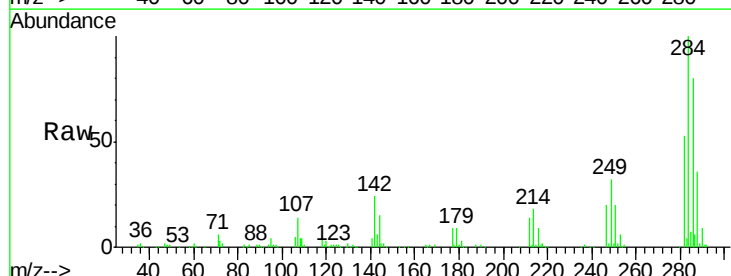
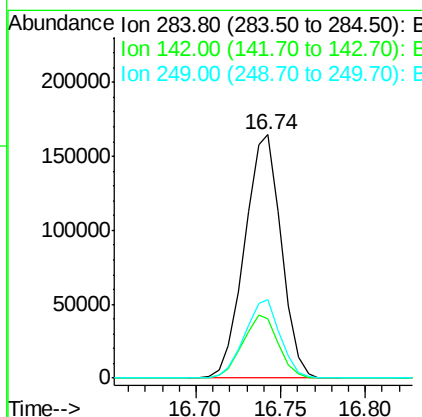
RT: 16.74 min Scan# 2324

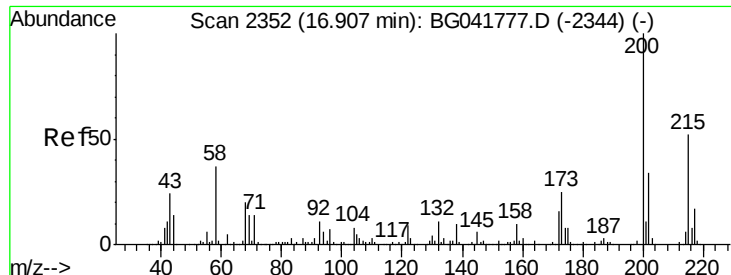
Delta R.T. 0.01 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

Tgt Ion:	284	Resp:	247702
Ion Ratio	Lower	Upper	
284	100		
142	24.1	27.0	40.6#
249	32.4	28.4	42.6





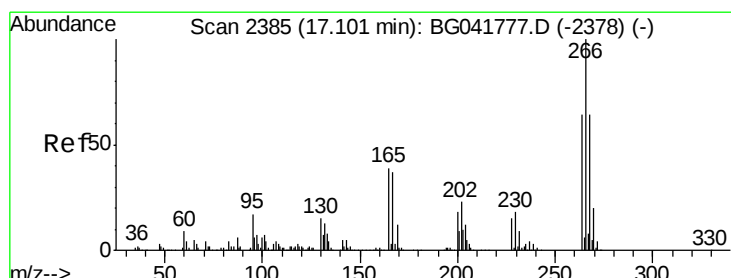
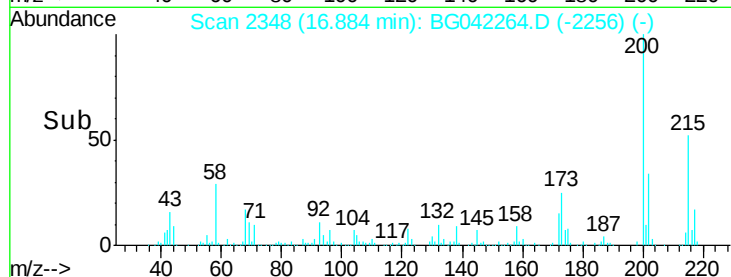
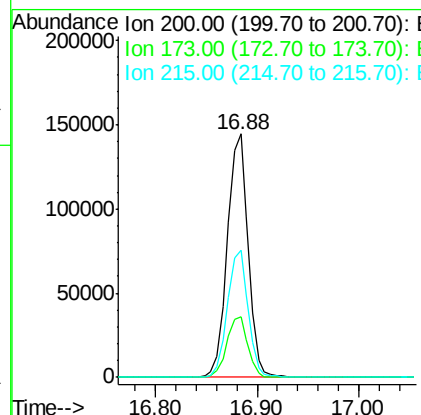
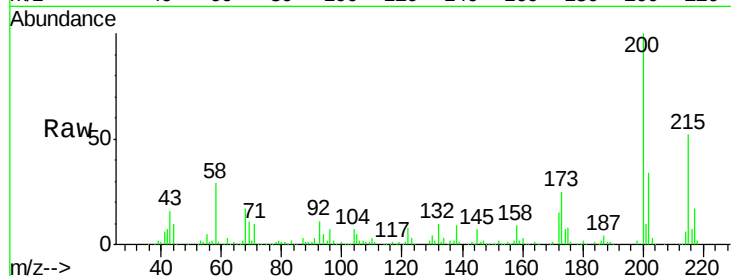
#69
 Atrazine
 Concen: 47.715 ng
 RT: 16.88 min Scan# 2348
 Delta R.T. 0.01 min
 Lab File: BG042264.D
 Acq: 16 Aug 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-C1-C4-(0-2)MS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.7	5.3	45.3
215	52.2	31.8	71.8

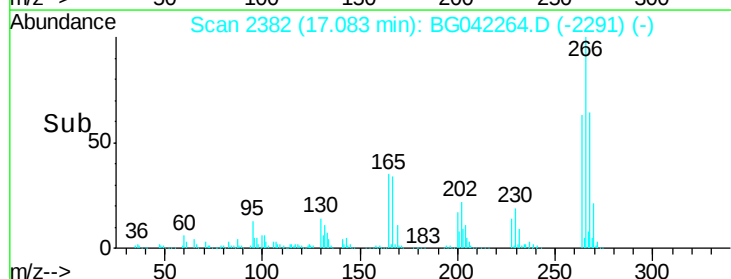
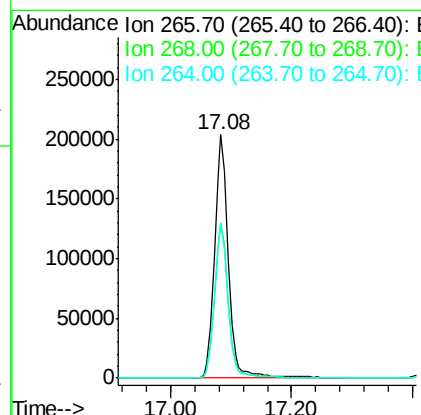
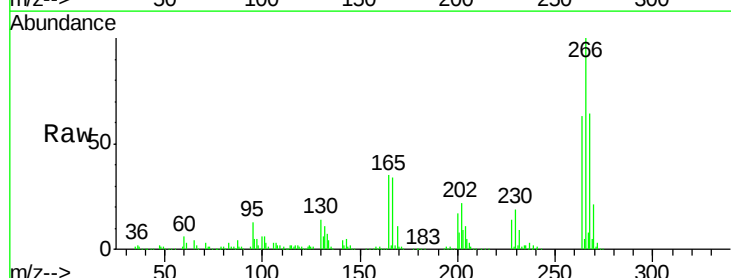
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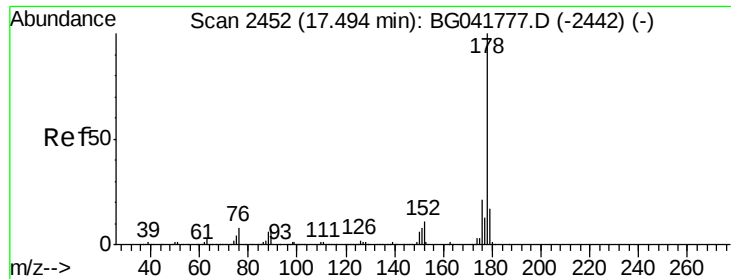
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#70
 Pentachlorophenol
 Concen: 109.886 ng
 RT: 17.08 min Scan# 2382
 Delta R.T. 0.01 min
 Lab File: BG042264.D
 Acq: 16 Aug 2019 17:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.8	52.9	79.3
264	63.4	51.4	77.2





#71

Phenanthrene

Concen: 50.220 ng

RT: 17.47 min Scan# 2448

Delta R.T. 0.01 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

Instrument :

BNA_G

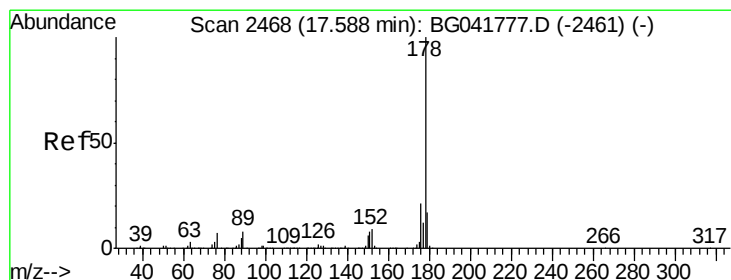
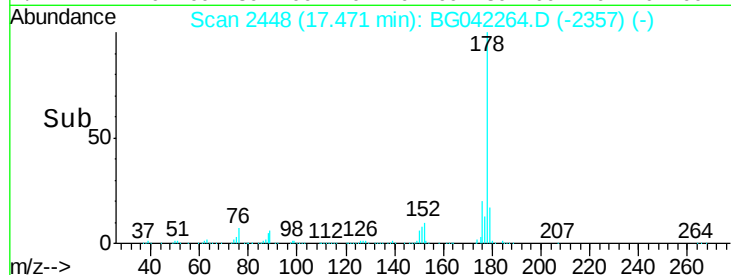
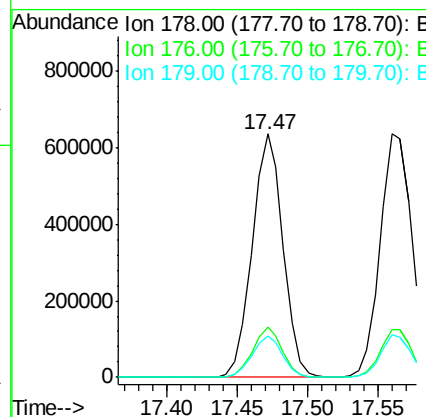
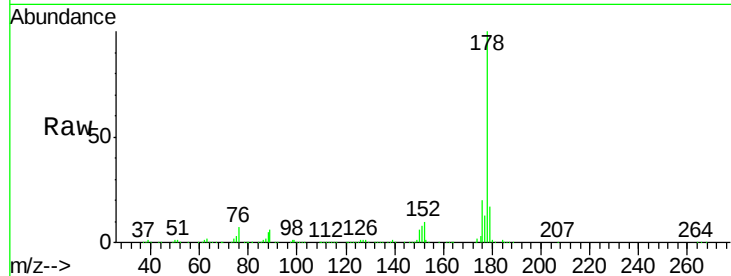
ClientSampleId :

REACTOR-3-C1-C4-(0-2)MS

Tot Ion:	178	Resp:	971996
Ion Ratio	Lower	Upper	
178	100		
176	20.4	18.6	28.0
179	17.2	15.4	23.0

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#72

Anthracene

Concen: 51.720 ng

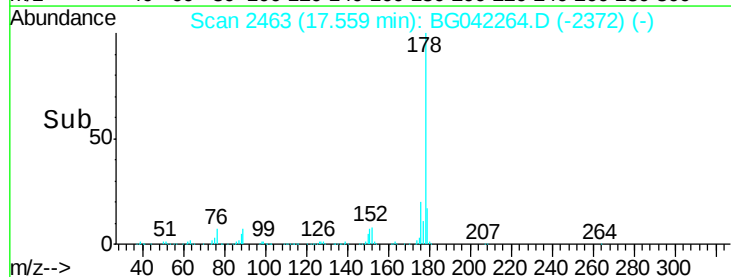
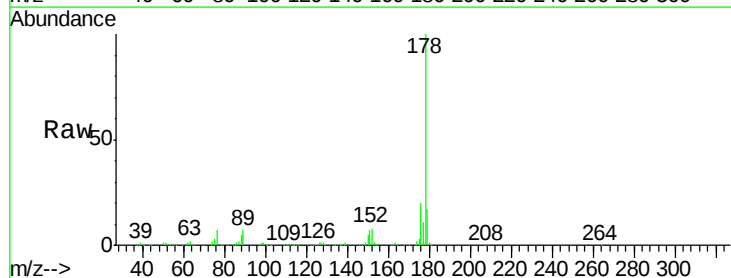
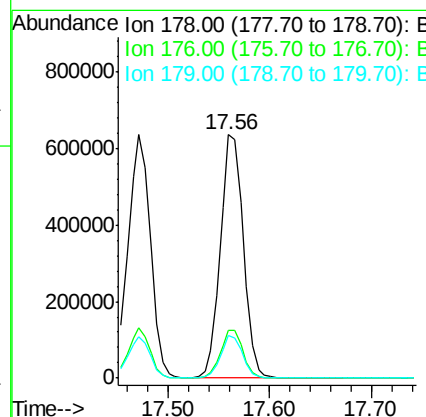
RT: 17.56 min Scan# 2463

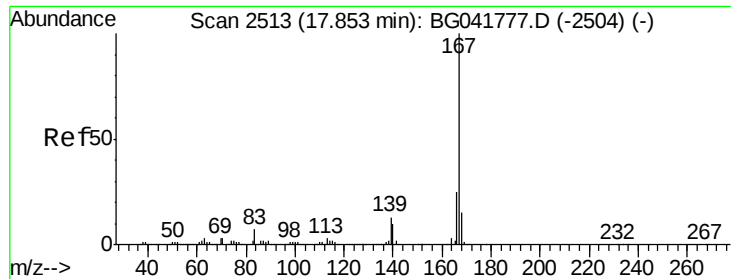
Delta R.T. 0.01 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

Tgt Ion:	178	Resp:	998355
Ion Ratio	Lower	Upper	
178	100		
176	19.8	18.6	28.0
179	17.4	15.1	22.7





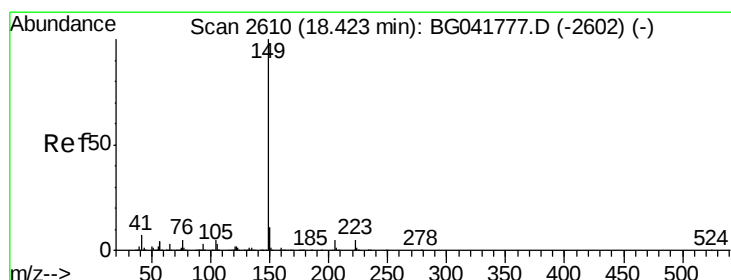
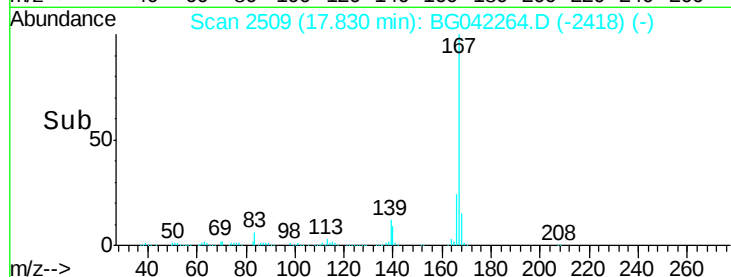
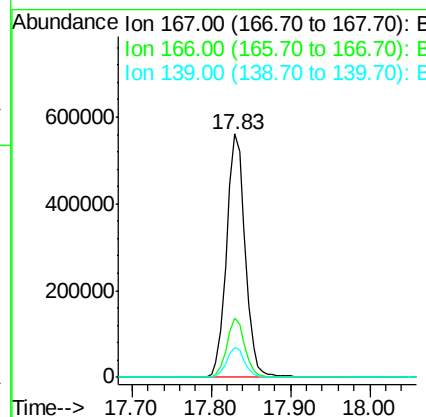
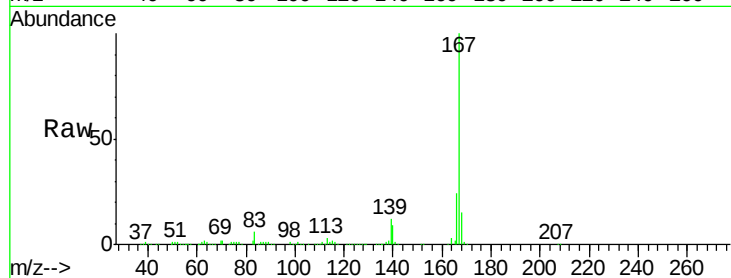
#73
 Carbazole
 Concen: 52.790 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. 0.01 min
 Lab File: BG042264.D
 Acq: 16 Aug 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-C1-C4-(0-2)MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.5	21.4	32.2
139	12.5	12.1	18.1

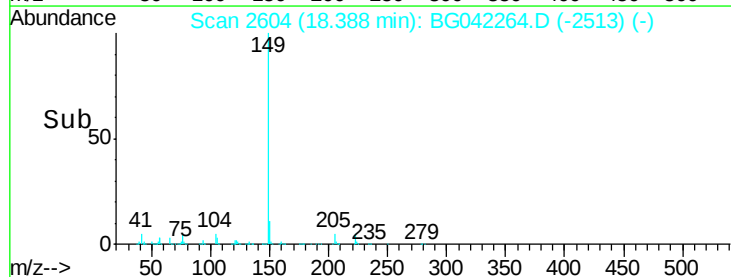
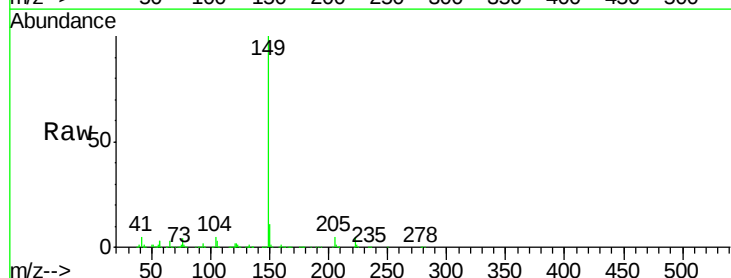
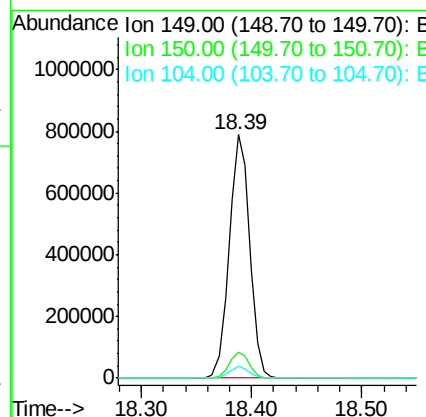
Manual Integrations
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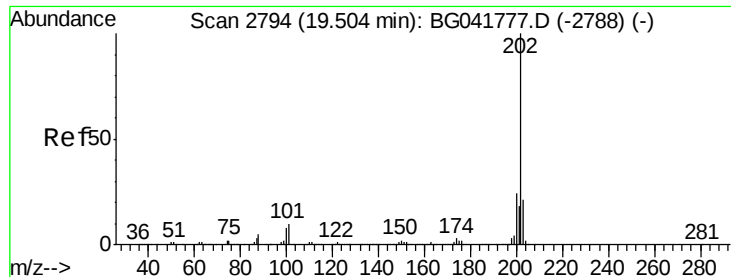
Jagrut
 8/19/2019 2:19:31 PM



#74
 Di-n-butylphthalate
 Concen: 52.151 ng
 RT: 18.39 min Scan# 2604
 Delta R.T. 0.01 min
 Lab File: BG042264.D
 Acq: 16 Aug 2019 17:57

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.8	10.2	15.2
104	4.7	5.3	7.9





#75

Fluoranthene

Concen: 53.727 ng

RT: 19.49 min Scan# 2791

Delta R.T. 0.01 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

Instrument :

BNA_G

ClientSampleId :

REACTOR-3-C1-C4-(0-2)MS

Tot Ion:202 Resp: 1263978

Ion Ratio Lower Upper

202 100

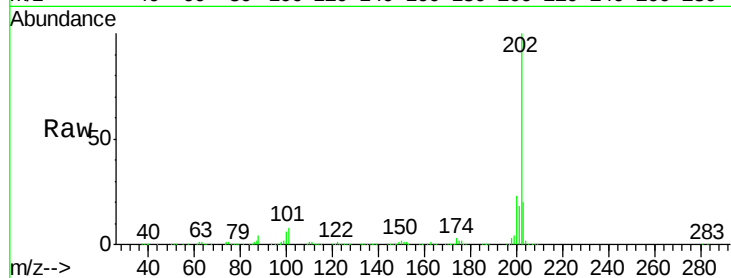
101 8.2 0.0 32.8

203 20.2 3.7 43.7

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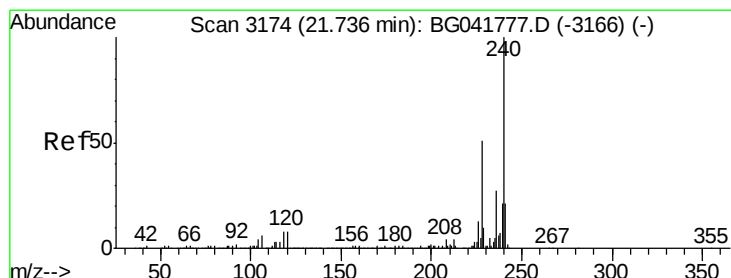
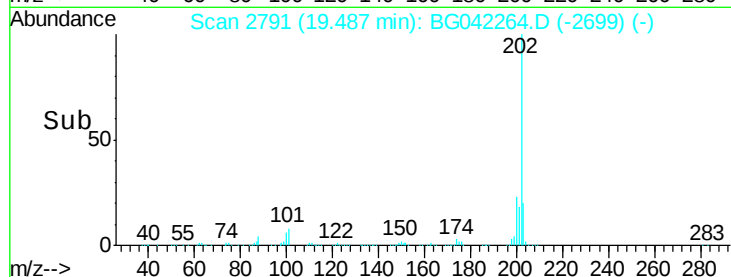
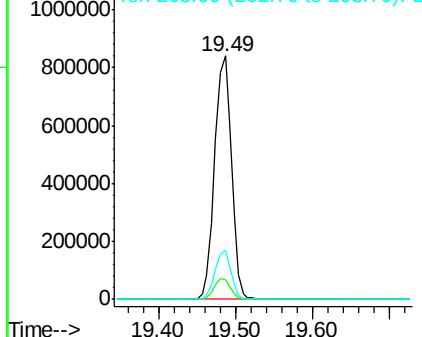
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3170

Delta R.T. 0.01 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

Tgt Ion:240 Resp: 438535

Ion Ratio Lower Upper

240 100

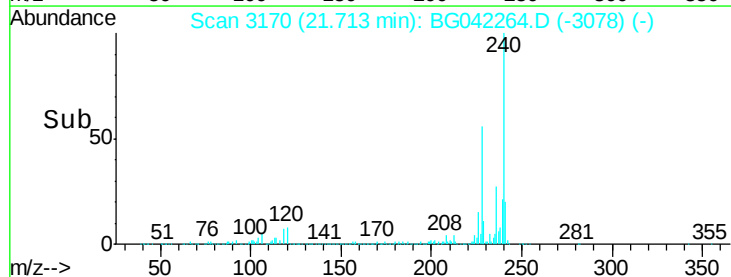
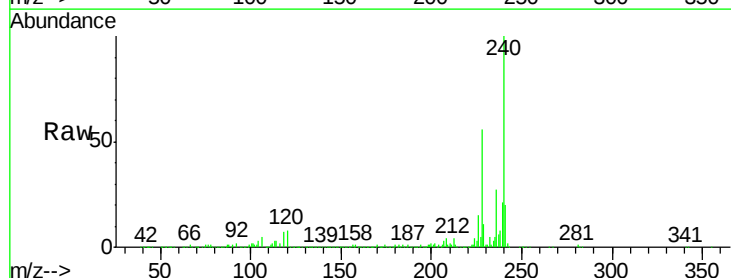
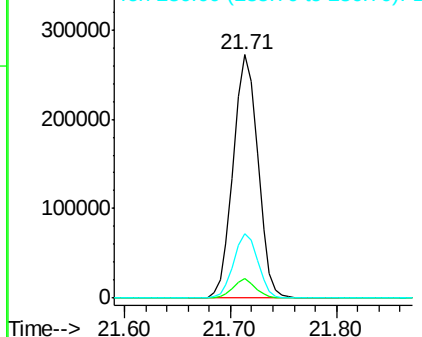
120 7.9 8.0 12.0#

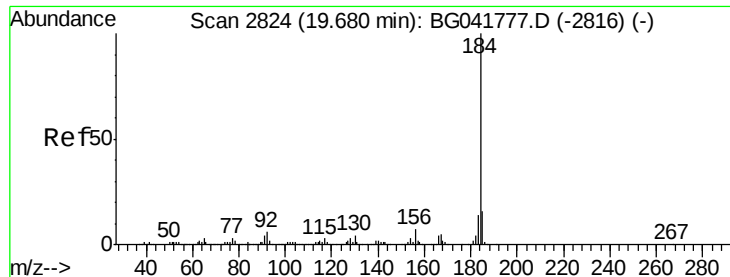
236 26.5 22.6 33.8

Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 11.626 ng

RT: 19.66 min Scan# 2821

Delta R.T. 0.01 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

Instrument :

BNA_G

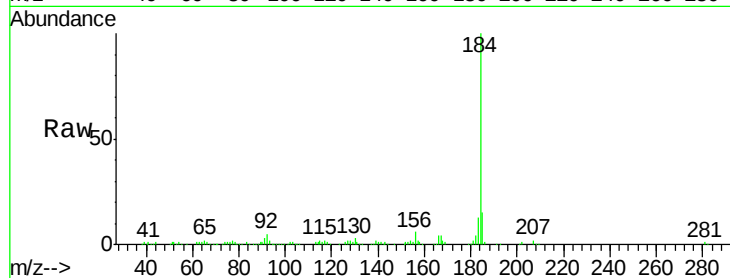
ClientSampleId :

REACTOR-3-C1-C4-(0-2)MS

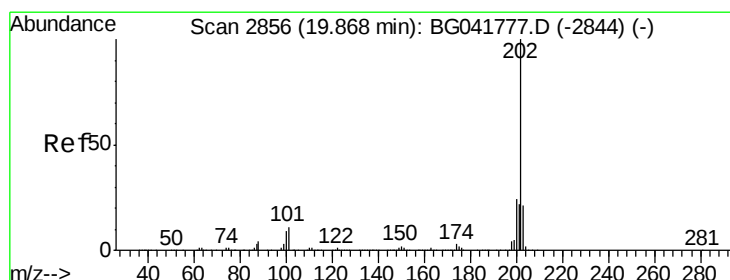
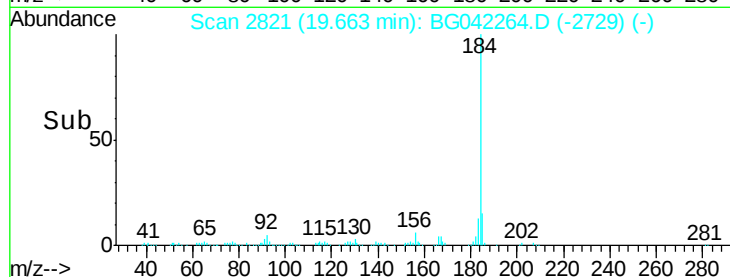
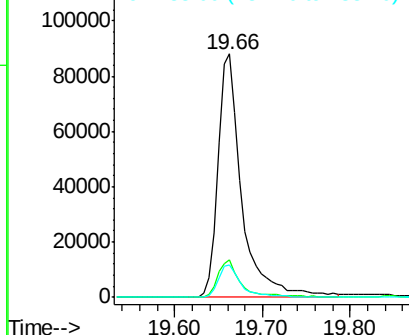
Tot Ion:	184	Resp:	166407
Ion Ratio	Lower	Upper	
184	100		
185	15.3	13.0	19.4
183	13.4	11.8	17.6

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.982 ng

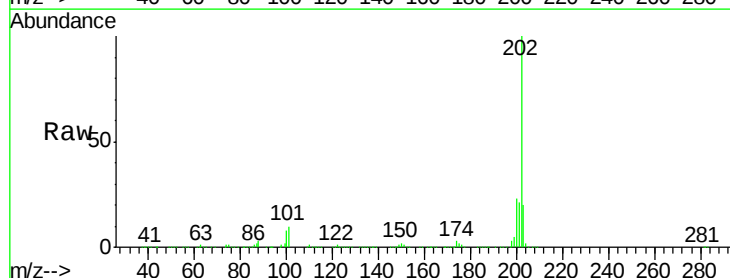
RT: 19.84 min Scan# 2852

Delta R.T. 0.01 min

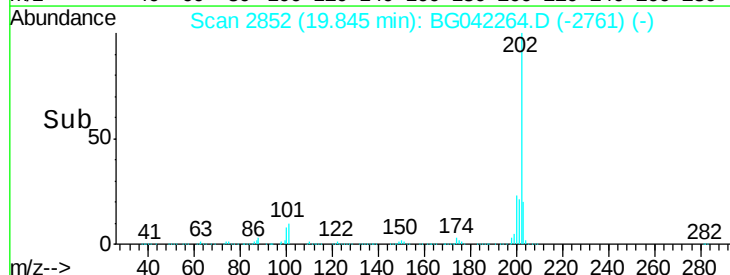
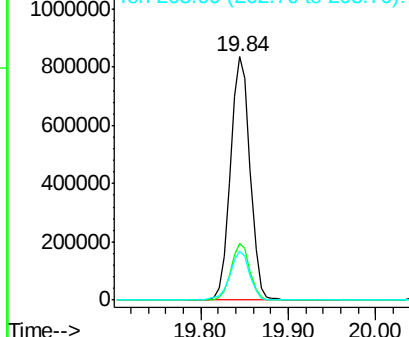
Lab File: BG042264.D

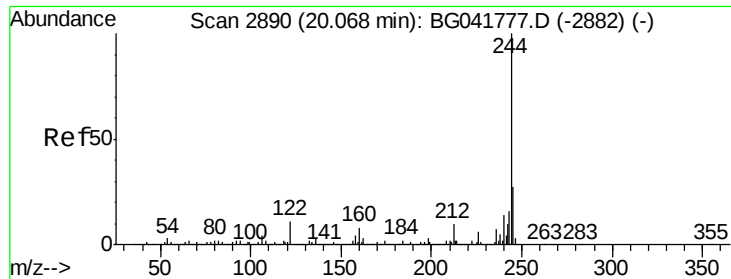
Acq: 16 Aug 2019 17:57

Tgt Ion:	202	Resp:	1272673
Ion Ratio	Lower	Upper	
202	100		
200	23.1	22.2	33.2
203	20.1	18.9	28.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 98.228 ng

RT: 20.04 min Scan# 2886

Delta R.T. 0.01 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

Instrument :

BNA_G

ClientSampleId :

REACTOR-3-C1-C4-(0-2)MS

Tot Ion:244 Resp: 1882503

Ion Ratio Lower Upper

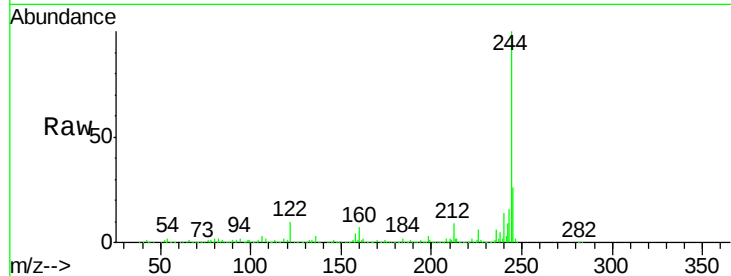
244 100

212 8.9 9.7 14.5#

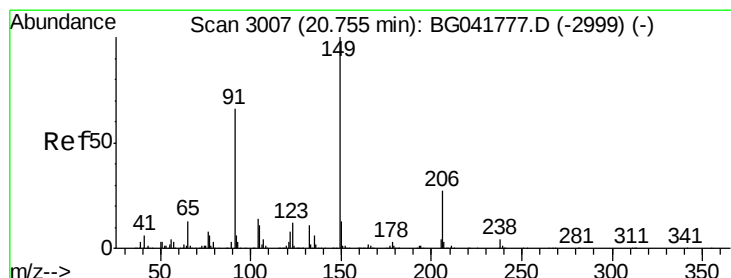
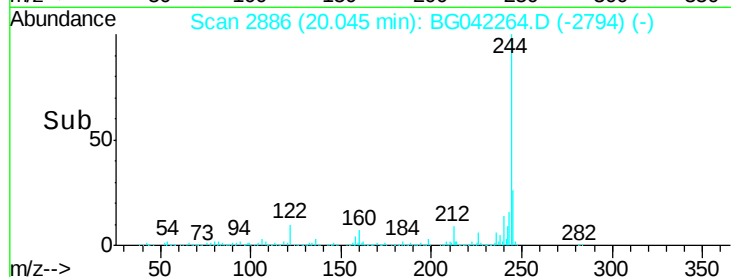
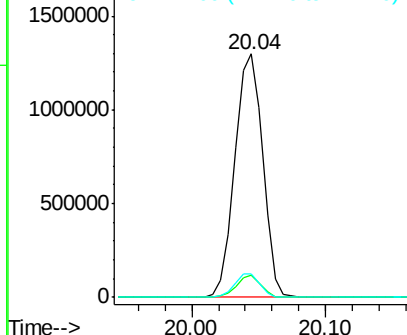
122 9.6 12.5 18.7#

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 50.976 ng

RT: 20.73 min Scan# 3002

Delta R.T. 0.01 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

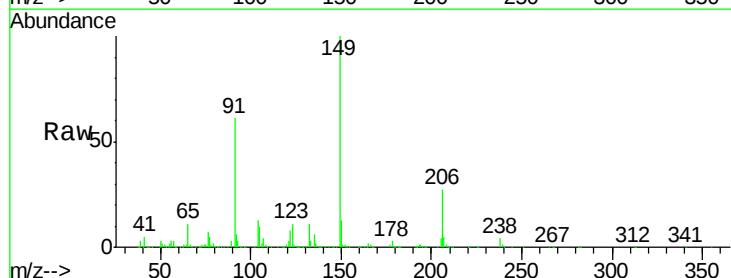
Tgt Ion:149 Resp: 507812

Ion Ratio Lower Upper

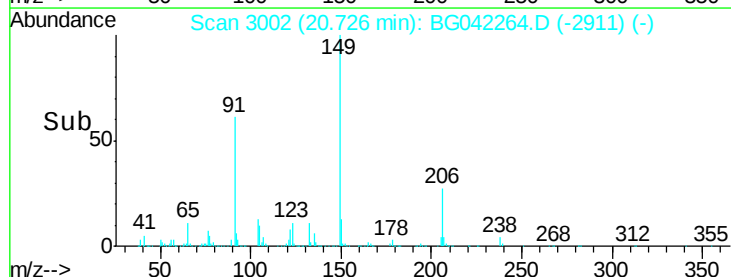
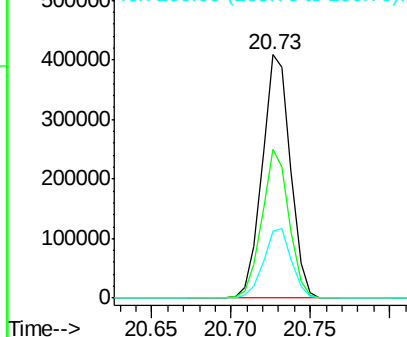
149 100

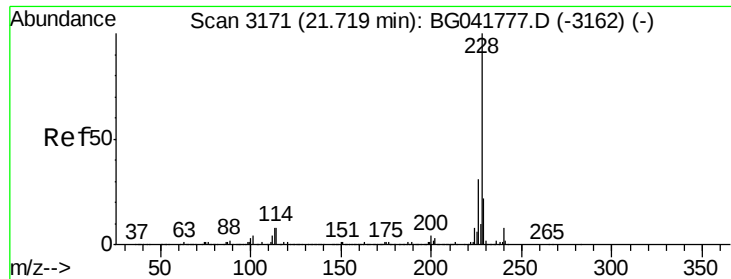
91 61.0 58.9 88.3

206 27.4 20.8 31.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.778 ng

RT: 21.70 min Scan# 3167

Delta R.T. 0.01 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

Instrument :

BNA_G

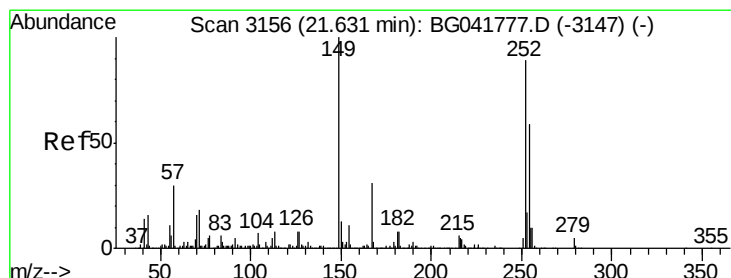
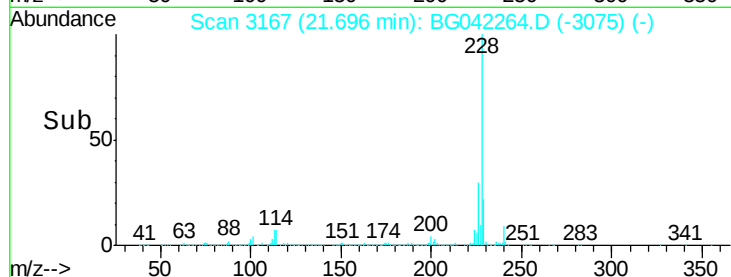
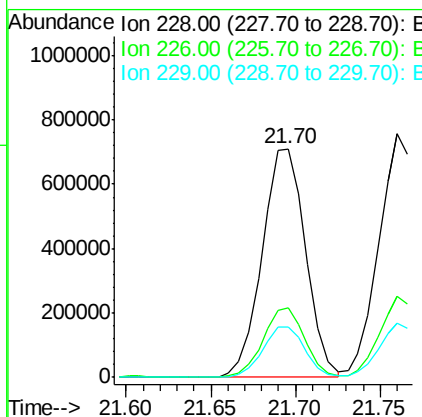
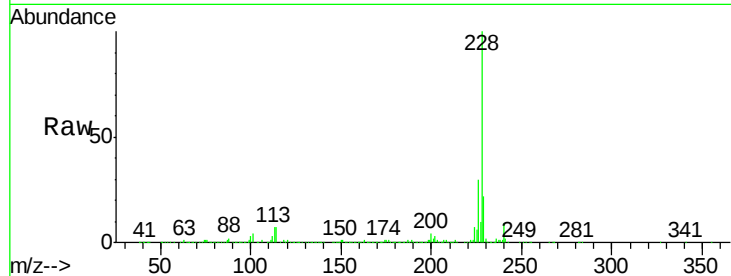
ClientSampleId :

REACTOR-3-C1-C4-(0-2)MS

Tot Ion:	228	Resp:	1265581
Ion	Ratio	Lower	Upper
228	100		
226	30.2	27.3	40.9
229	22.3	19.7	29.5

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 34.810 ng

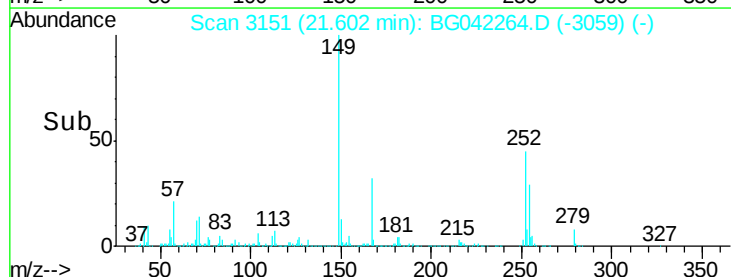
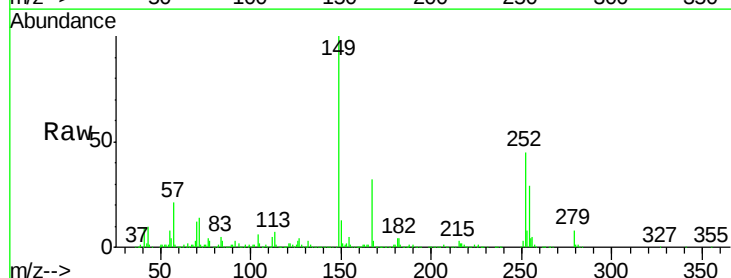
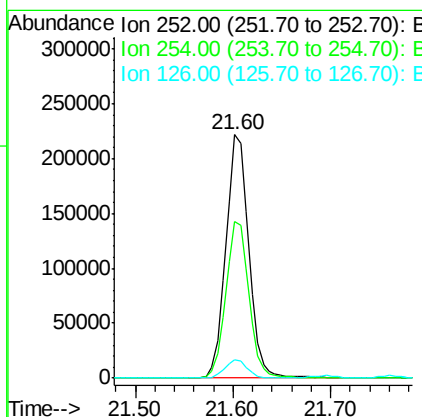
RT: 21.60 min Scan# 3151

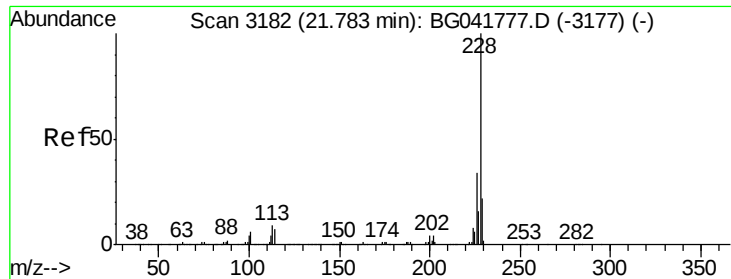
Delta R.T. 0.01 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

Tgt Ion:	252	Resp:	362615
Ion	Ratio	Lower	Upper
252	100		
254	64.3	53.8	80.6
126	7.5	7.8	11.8#





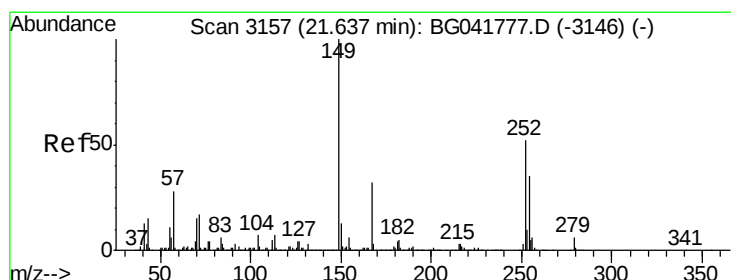
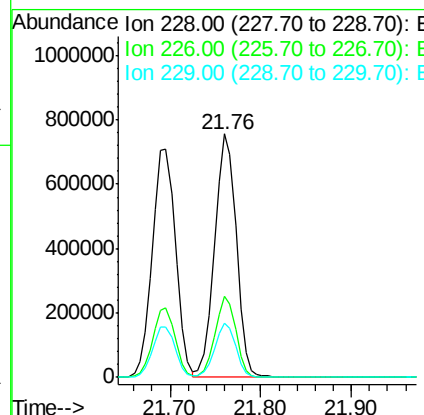
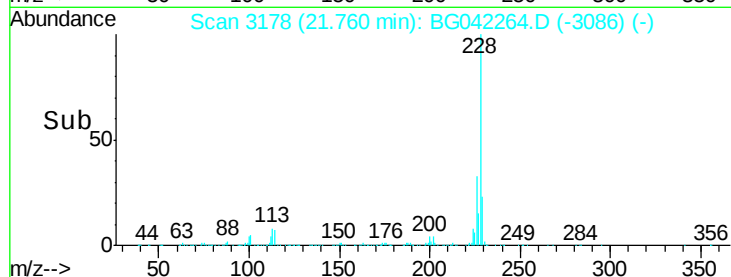
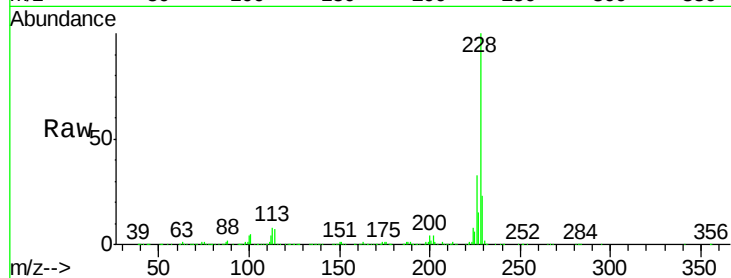
#83
 Chrysene
 Concen: 50.413 ng
 RT: 21.76 min Scan# 3178
 Delta R.T. 0.01 min
 Lab File: BG042264.D
 Acq: 16 Aug 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-C1-C4-(0-2)MS

Tot Ion:228 Resp: 1253808
 Ion Ratio Lower Upper
 228 100
 226 33.4 30.1 45.1
 229 22.5 19.8 29.6

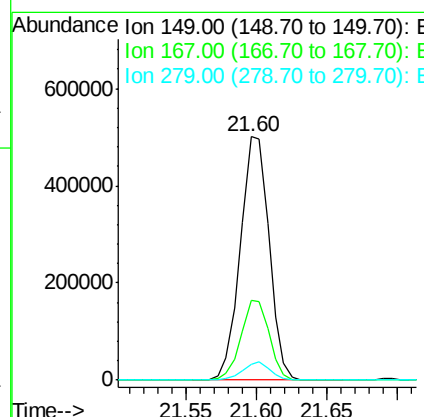
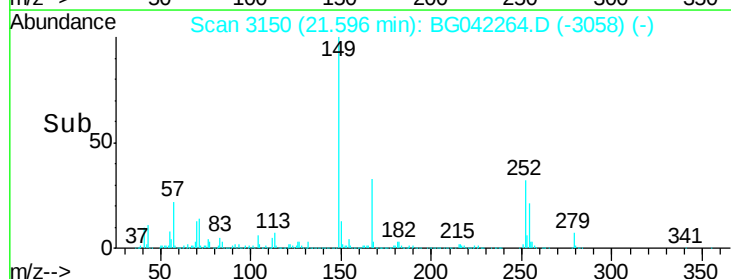
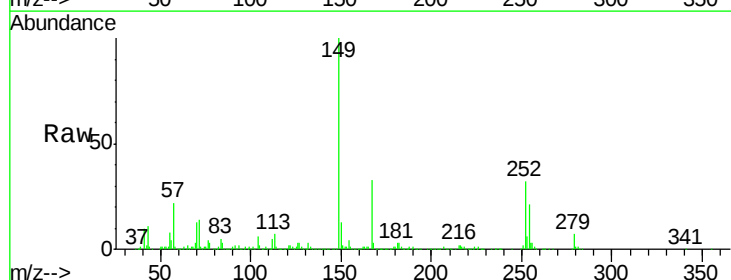
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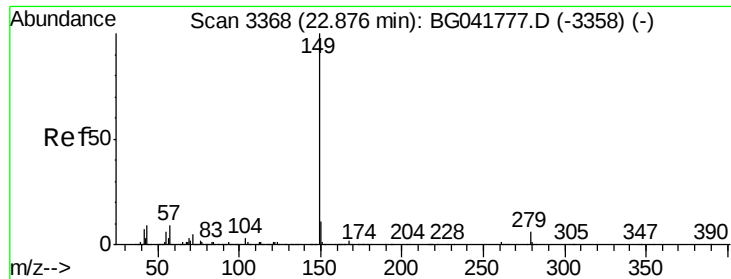
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.905 ng
 RT: 21.60 min Scan# 3150
 Delta R.T. 0.01 min
 Lab File: BG042264.D
 Acq: 16 Aug 2019 17:57

Tgt Ion:149 Resp: 713249
 Ion Ratio Lower Upper
 149 100
 167 32.5 27.0 40.4
 279 6.5 5.0 7.6





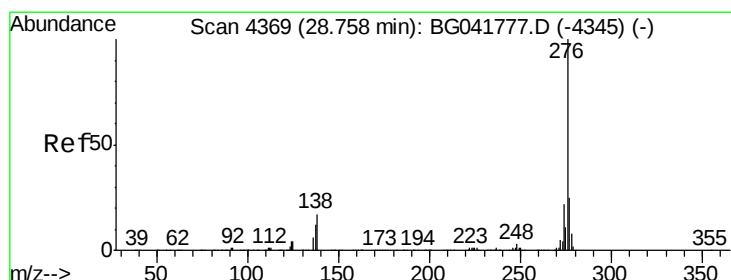
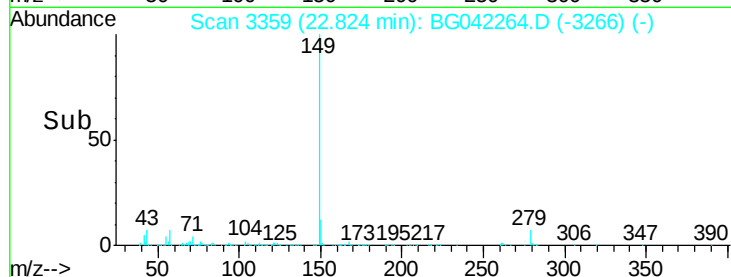
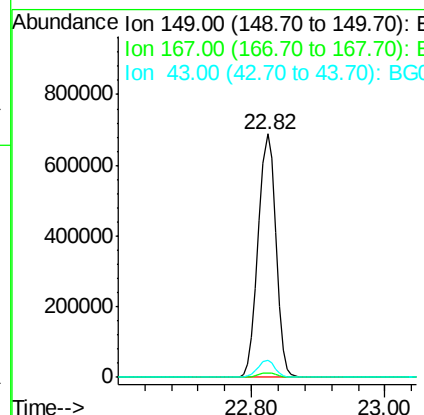
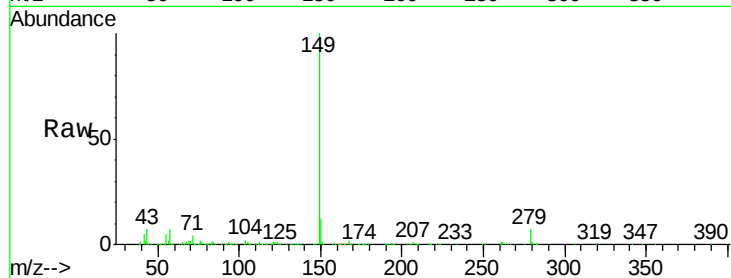
#85
Di-n-octyl phthalate
Concen: 53.445 ng
RT: 22.82 min Scan# 3359
Delta R.T. 0.02 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.6	2.4
43	6.7	10.6	16.0

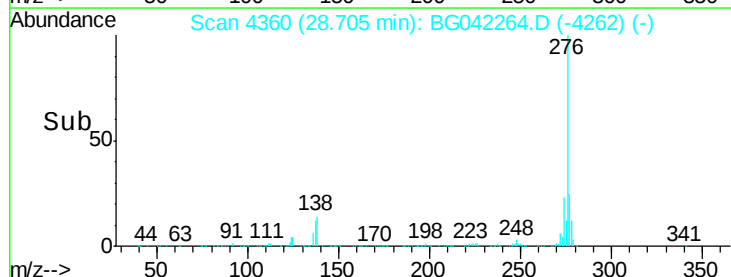
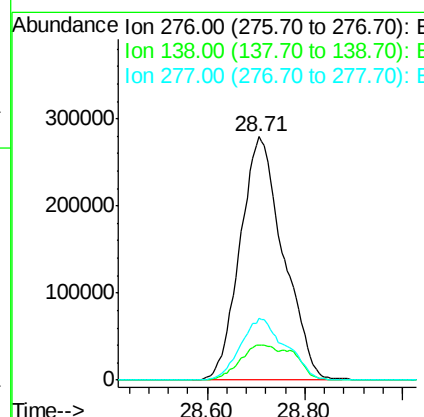
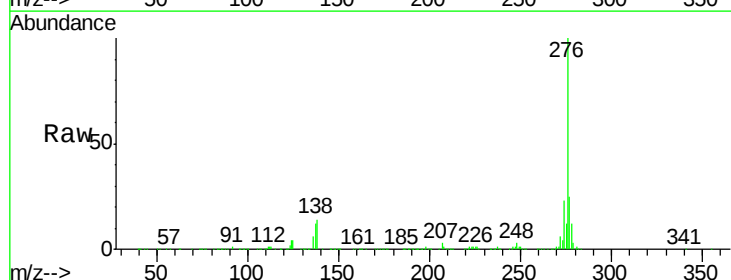
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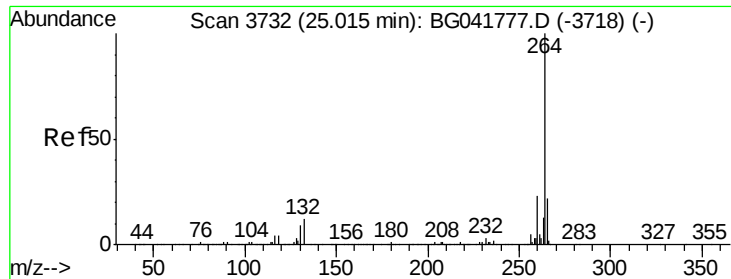
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#86
Indeno(1,2,3-cd)pyrene
Concen: 52.231 ng
RT: 28.71 min Scan# 4360
Delta R.T. 0.05 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.1	19.4	29.0
277	26.5	21.2	31.8





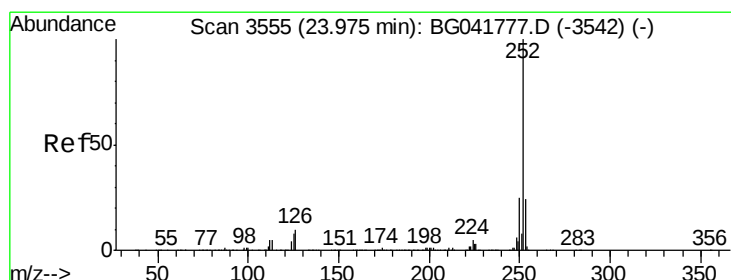
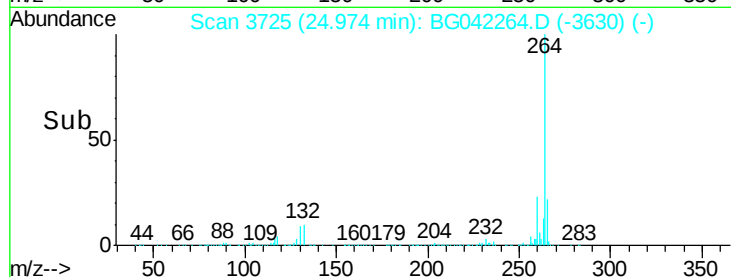
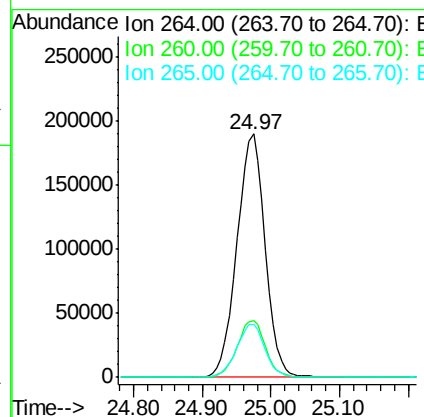
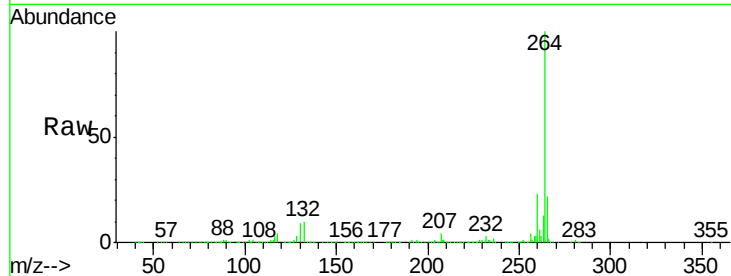
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3725
Delta R.T. 0.03 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.7	18.0	27.0

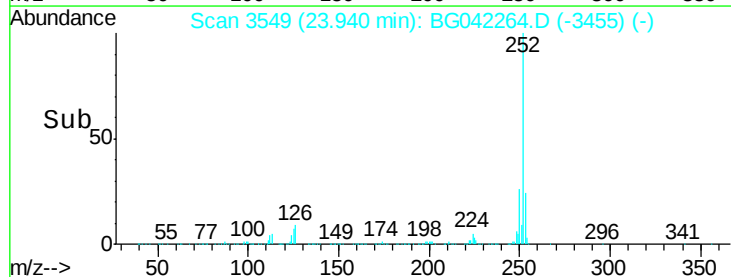
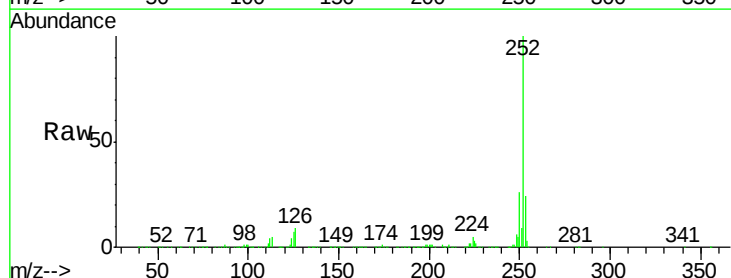
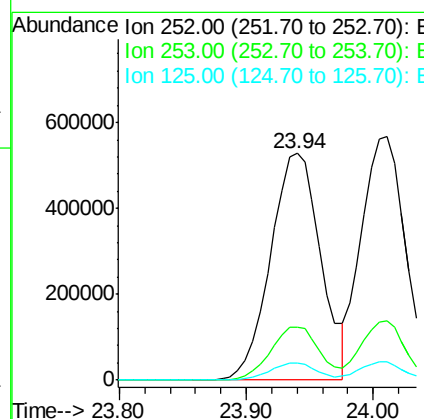
Manual Integrations
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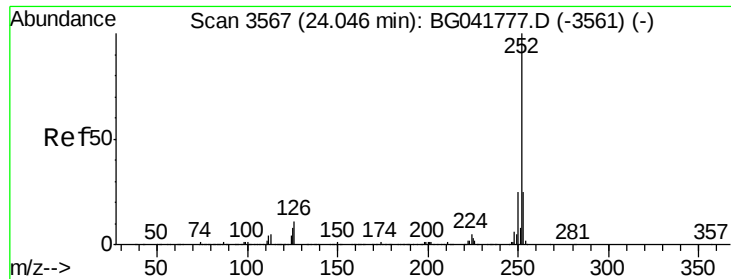
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#88
Benzo(b)fluoranthene
Concen: 49.226 ng
RT: 23.94 min Scan# 3549
Delta R.T. 0.02 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	20.6	30.8
125	7.4	8.0	12.0





#89

Benzo(k)fluoranthene

Concen: 47.431 ng

RT: 24.01 min Scan# 3561

Delta R.T. 0.02 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

Instrument :

BNA_G

ClientSampleId :

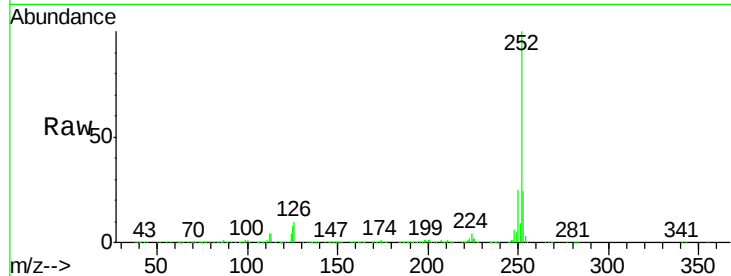
REACTOR-3-C1-C4-(0-2)MS

Tot Ion:252 Resp: 1363073

Ion	Ratio	Lower	Upper
252	100		
253	24.1	20.5	30.7
125	7.5	8.4	12.6

Manual Integrations
APPROVED

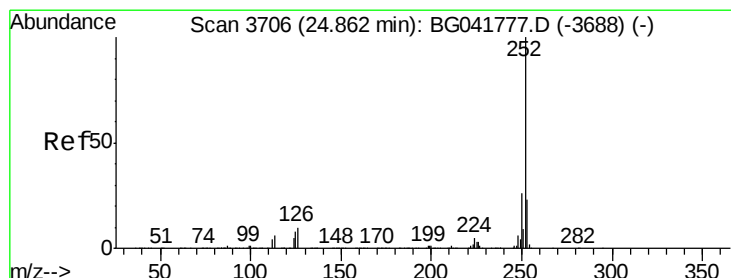
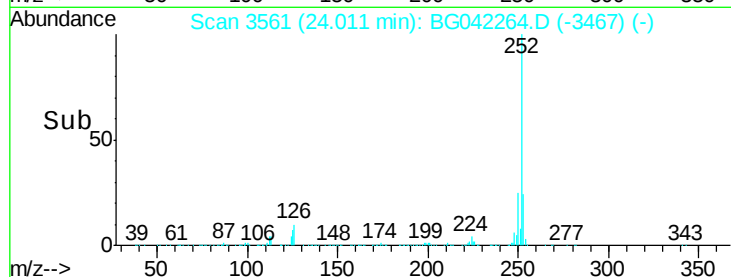
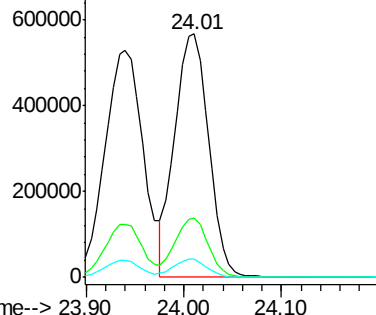
Jagrut
8/19/2019 2:19:31 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 49.668 ng

RT: 24.82 min Scan# 3699

Delta R.T. 0.02 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

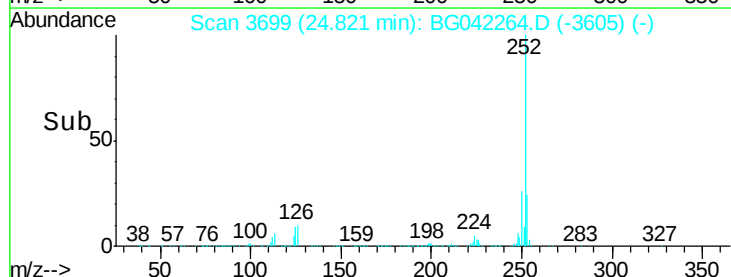
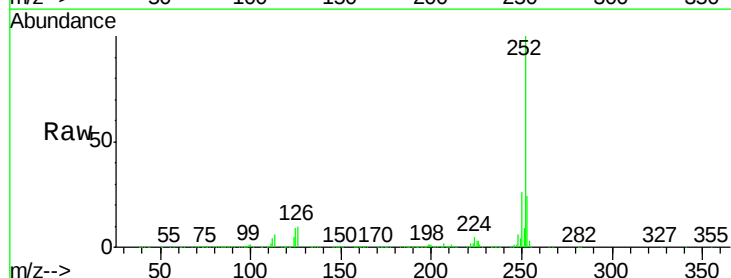
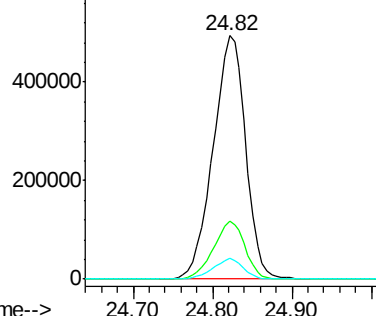
Tgt Ion:252 Resp: 1405336

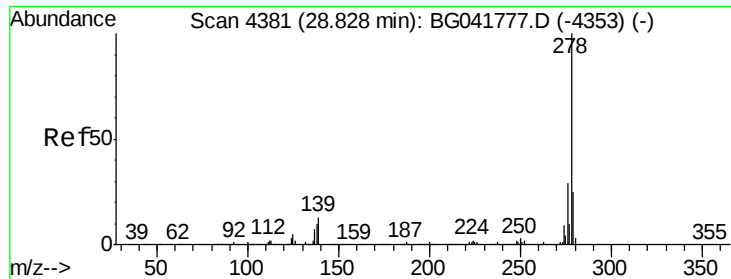
Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.8	29.8
125	8.5	8.8	13.2

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





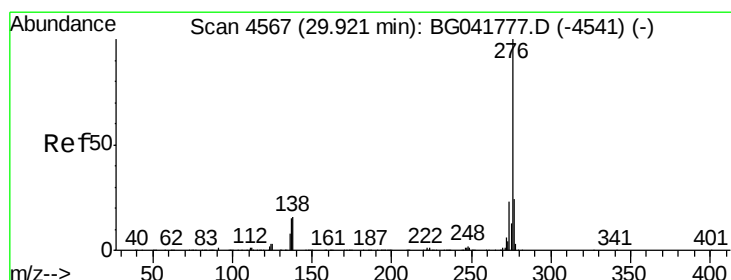
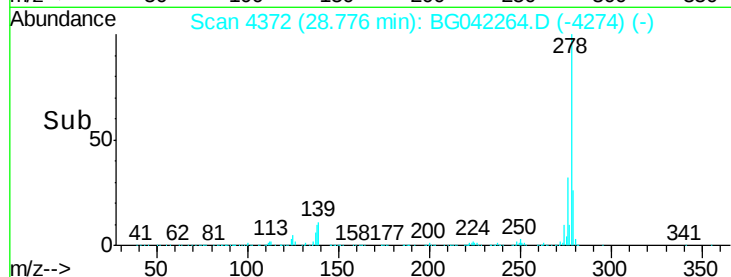
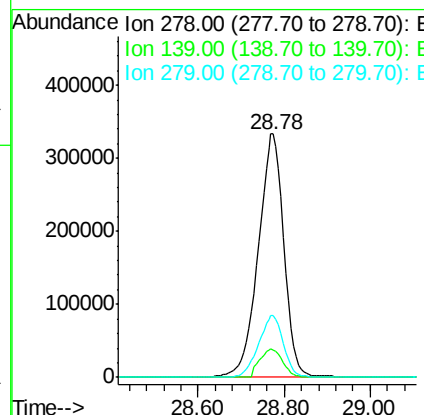
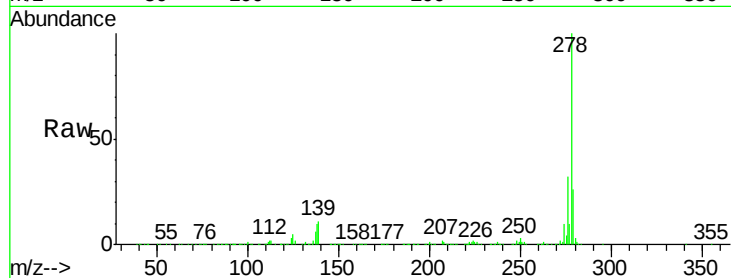
#91
Dibenzo(a,h)anthracene
Concen: 51.042 ng
RT: 28.78 min Scan# 4372
Delta R.T. 0.05 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MS

Tot Ion:278 Resp: 1418093
Ion Ratio Lower Upper
278 100
139 11.4 12.6 19.0#
279 25.6 20.5 30.7

Manual Integrations
APPROVED

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#92
Benzo(g,h,i)perylene
Concen: 51.885 ng
RT: 29.87 min Scan# 4559
Delta R.T. 0.05 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

Tgt Ion:276 Resp: 1440183
Ion Ratio Lower Upper
276 100
277 25.8 19.8 29.8
138 15.1 16.6 25.0#

