

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121317\
 Data File : BG031538.D
 Acq On : 13 Dec 2017 21:37
 Operator : SJ/JU
 Sample : I6676-06MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-121217MS

Manual Integrations
 APPROVED

Sohil
 12/15/2017 7:48:00 PM

Quant Time: Dec 14 00:43:16 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

12/15/2017 7:48:00 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	51264	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	219141	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	161482	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	464319	20.00	ng	0.00
75) Chrysene-d12	21.75	240	527012	20.00	ng	0.00
86) Perylene-d12	25.03	264	520755	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	418587	144.73	ng	0.00
7) Phenol-d6	7.28	99	514477	128.14	ng	0.01
23) Nitrobenzene-d5	9.27	82	340197	95.69	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	330714	174.81	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	977098	88.82	ng	0.00
78) Terphenyl-d14	20.07	244	2143408	92.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	50135	36.331	ng	# 82
3) Pyridine	3.93	79	93229	25.660	ng	# 88
4) n-Nitrosodimethylamine	3.83	42	64689	37.800	ng	# 91
6) Aniline	7.43	93	56664	10.717	ng	97
8) 2-Chlorophenol	7.68	128	146247	45.333	ng	91
9) Benzaldehyde	7.24	77	77281	33.207	ng	89
10) Phenol	7.31	94	168002	40.733	ng	94
11) bis(2-Chloroethyl)ether	7.52	93	135889	40.367	ng	88
12) 1,3-Dichlorobenzene	7.99	146	158774	41.386	ng	96
13) 1,4-Dichlorobenzene	8.14	146	161124	40.411	ng	92
14) 1,2-Dichlorobenzene	8.46	146	154276	40.619	ng	99
15) Benzyl Alcohol	8.35	79	130401	41.519	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.63	45	200712	53.072	ng	92
17) 2-Methylphenol	8.56	107	124605	44.320	ng	97
18) Hexachloroethane	9.19	117	56154	41.781	ng	96
19) n-Nitroso-di-n-propylamine	8.91	70	110698	35.029	ng	# 97
20) 3+4-Methylphenols	8.89	107	174851	41.747	ng	97
22) Acetophenone	8.93	105	231415	44.019	ng	# 94
24) Nitrobenzene	9.32	77	164747	45.220	ng	91
25) Isophorone	9.84	82	319541	47.557	ng	# 91
26) 2-Nitrophenol	10.03	139	85607	47.520	ng	90
27) 2,4-Dimethylphenol	10.09	122	153169	55.969	ng	92
28) bis(2-Chloroethoxy)methane	10.31	93	193108	44.517	ng	95
29) 2,4-Dichlorophenol	10.58	162	170092	52.754	ng	90
30) 1,2,4-Trichlorobenzene	10.78	180	182049	44.202	ng	96
31) Naphthalene	10.97	128	467987	43.470	ng	97
32) Benzoic acid	10.26	122	74408m	46.603	ng	
33) 4-Chloroaniline	11.11	127	9991	2.137	ng	# 91
34) Hexachlorobutadiene	11.25	225	115349	42.223	ng	96
35) Caprolactam	11.86	113	60353m	47.670	ng	
36) 4-Chloro-3-methylphenol	12.21	107	186468	50.665	ng	# 83
37) 2-Methylnaphthalene	12.57	142	370203	44.412	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	246555	39.067	ng	96
40) Hexachlorocyclopentadiene	12.91	237	124431	63.911	ng	93

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Manual Integrations
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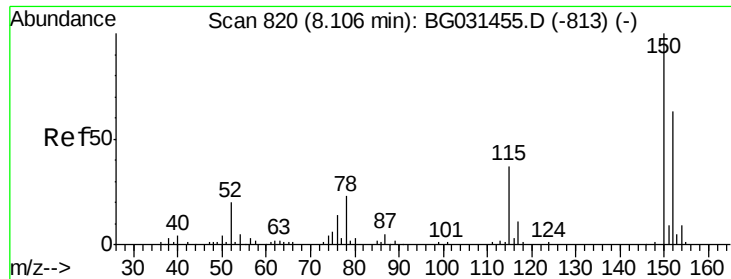
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 12/15/2017 7:48:00 PM

Quant Time: Dec 14 00:43:16 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	161187	49.989	nq	99
43) 2,4,5-Trichlorophenol	13.26	196	179825	51.773	nq	95
45) 1,1'-Biphenyl	13.56	154	537810	40.549	nq	95
46) 2-Chloronaphthalene	13.61	162	420209	43.287	nq	96
47) 2-Nitroaniline	13.82	65	121034	44.370	nq	# 79
48) Acenaphthylene	14.46	152	657160	42.072	nq	98
49) Dimethylphthalate	14.18	163	626188	46.839	nq	99
50) 2,6-Dinitrotoluene	14.31	165	142988	50.038	nq	# 72
51) Acenaphthene	14.80	154	412548	41.770	nq	97
52) 3-Nitroaniline	14.66	138	17363	5.961	nq	# 78
53) 2,4-Dinitrophenol	14.86	184	124662	101.762	nq	# 48
54) Dibenzofuran	15.13	168	698081	44.292	nq	99
55) 4-Nitrophenol	14.97	139	198642	99.995	nq	# 78
56) 2,4-Dinitrotoluene	15.10	165	214689	52.896	nq	# 74
57) Fluorene	15.78	166	578465	45.806	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.36	232	182060	55.765	nq	# 91
59) Diethylphthalate	15.53	149	644022	48.059	nq	98
60) 4-Chlorophenyl-phenylether	15.76	204	336598	43.565	nq	91
61) 4-Nitroaniline	15.81	138	120718	39.490	nq	85
62) Azobenzene	16.05	77	500415	45.079	nq	93
64) 4,6-Dinitro-2-methylphenol	15.87	198	112166	40.738	nq	76
65) n-Nitrosodiphenylamine	15.98	169	539607	39.704	nq	98
66) 4-Bromophenyl-phenylether	16.65	248	235736	43.661	nq	97
67) Hexachlorobenzene	16.78	284	240415	43.121	nq	95
68) Atrazine	16.92	200	184085	37.044	nq	95
69) Pentachlorophenol	17.13	266	214962	80.195	nq	98
70) Phenanthrene	17.52	178	1069668	44.111	nq	98
71) Anthracene	17.61	178	1095297	45.669	nq	98
72) Carbazole	17.88	167	978657	45.092	nq	99
73) Di-n-butylphthalate	18.41	149	1205231	48.087	nq	99
74) Fluoranthene	19.52	202	1406447	46.344	nq	97
77) Pyrene	19.88	202	1439221	43.951	nq	96
79) Butylbenzylphthalate	20.74	149	549467	47.830	nq	85
80) Benzo(a)anthracene	21.72	228	1424328	44.776	nq	98
81) 3,3'-Dichlorobenzidine	21.64	252	49766	4.495	nq	93
82) Chrysene	21.79	228	1356700	44.489	nq	96
83) Bis(2-ethylhexyl)phthalate	21.60	149	770535	46.621	nq	100
84) Di-n-octyl phthalate	22.82	149	1316421	48.287	nq	# 94
85) Indeno(1,2,3-cd)pyrene	28.81	276	1543345	47.356	nq	# 53
87) Benzo(b)fluoranthene	23.99	252	1418922	45.575	nq	99
88) Benzo(k)fluoranthene	24.06	252	1396539	43.955	nq	98
89) Benzo(a)pyrene	24.89	252	1371963	46.454	nq	97
90) Dibenzo(a,h)anthracene	28.86	278	1317368	46.645	nq	98
91) Benzo(g,h,i)perylene	30.00	276	1252242	45.100	nq	99

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



#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG031538.D
Acq: 13 Dec 2017 21:37

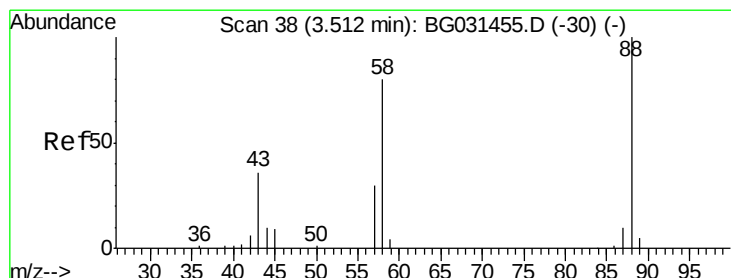
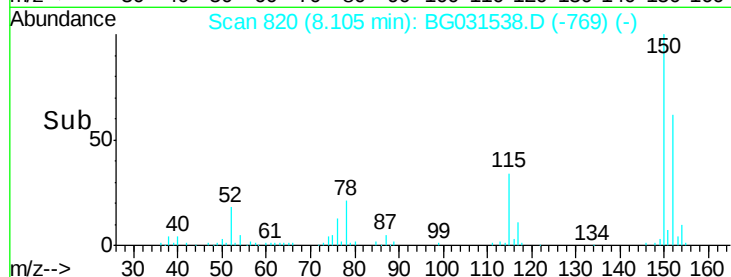
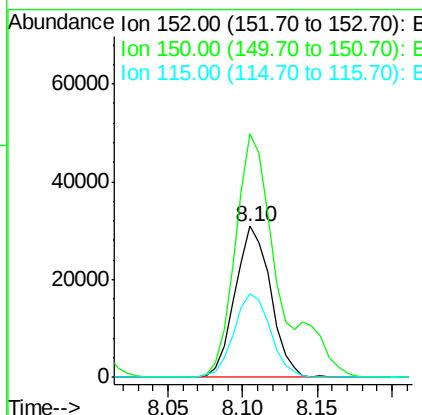
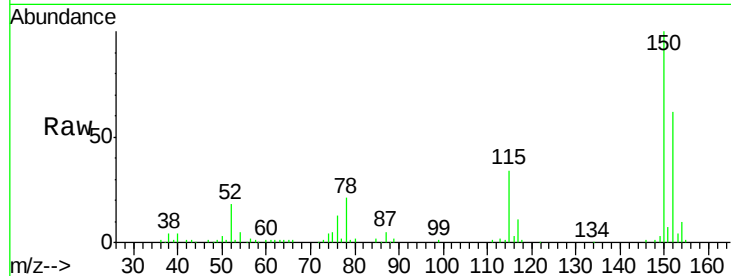
Instrument :
BNA_G
ClientSampleId :
OK-03-121217MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.0	126.6	189.8
115	54.9	53.0	79.4

Manual Integrations
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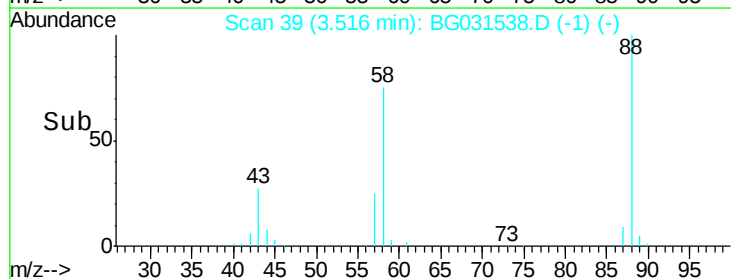
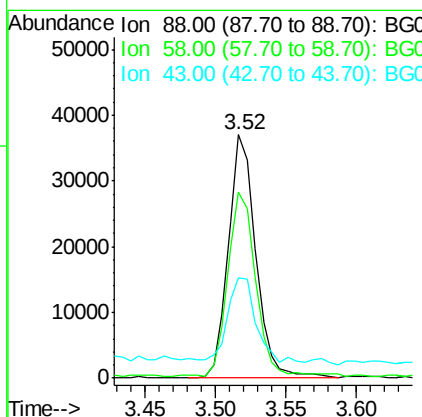
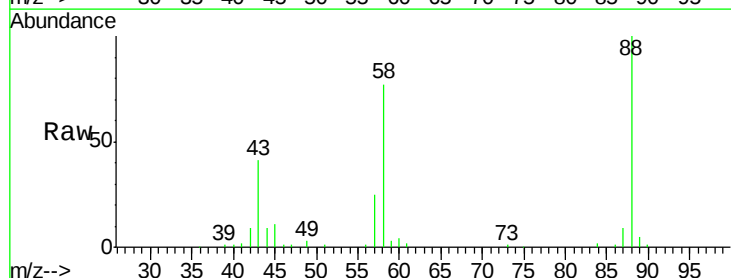
12/15/2017 7:48:00 PM

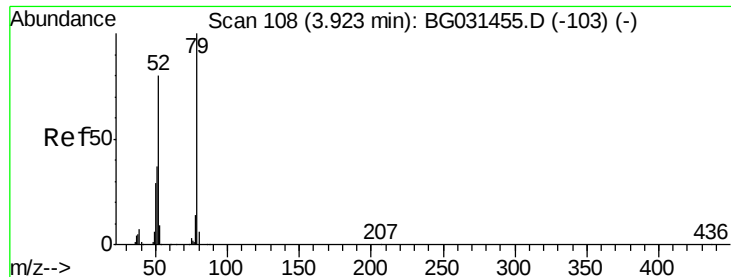


#2

1,4-Dioxane
Concen: 36.331 ng
RT: 3.52 min Scan# 39
Delta R.T. 0.00 min
Lab File: BG031538.D
Acq: 13 Dec 2017 21:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.5	79.6	119.4#
43	35.2	27.4	41.0





#3

Pvridine

Concen: 25.660 ng

RT: 3.93 min Scan# 110

Delta R.T. 0.01 min

Lab File: BG031538.D

Acq: 13 Dec 2017 21:37

Instrument :

BNA_G

ClientSampleId :

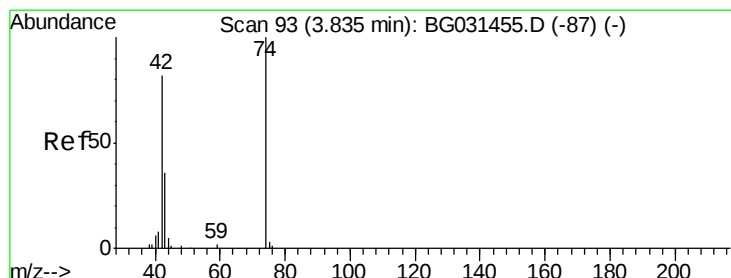
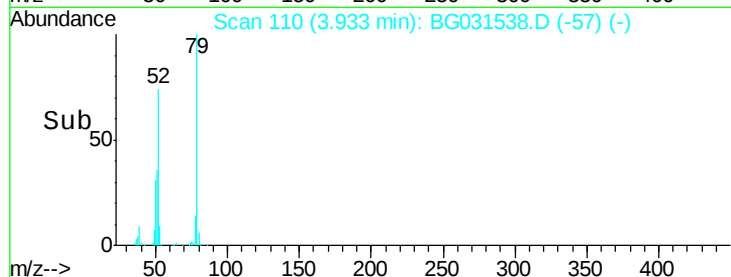
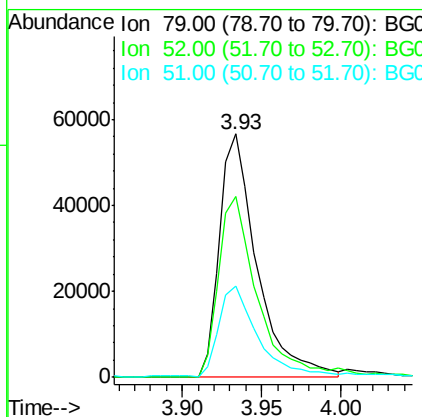
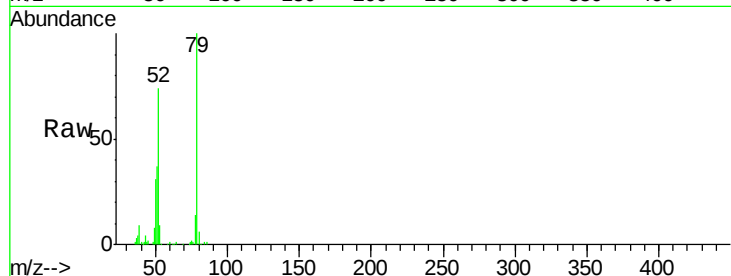
OK-03-121217MS

Tot Ion:	79	Resp:	93229
Ion Ratio	Lower	Upper	
79	100		
52	74.2	69.9	104.9
51	37.4	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 37.800 ng

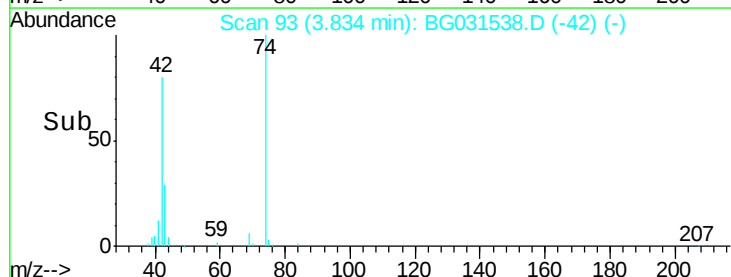
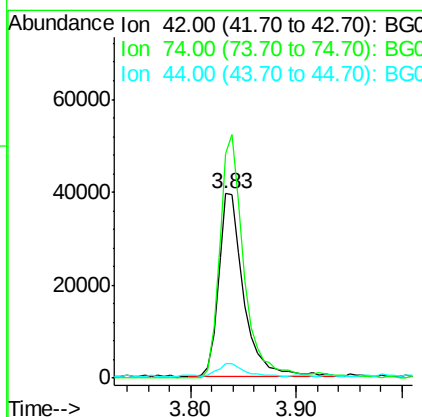
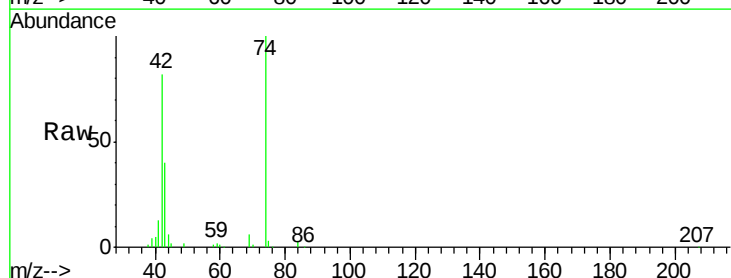
RT: 3.83 min Scan# 93

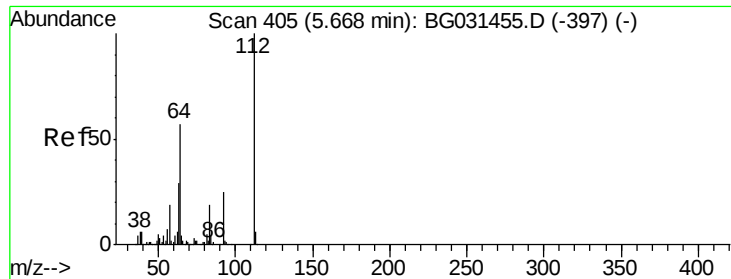
Delta R.T. -0.00 min

Lab File: BG031538.D

Acq: 13 Dec 2017 21:37

Tgt Ion:	42	Resp:	64689
Ion Ratio	Lower	Upper	
42	100		
74	122.1	102.5	153.7
44	7.8	18.9	28.3#





#5

2-Fluorophenol

Concen: 144.732 ng

RT: 5.67 min Scan# 406

Delta R.T. 0.01 min

Lab File: BG031538.D

Acq: 13 Dec 2017 21:37

Instrument :

BNA_G

ClientSampleId :

OK-03-121217MS

Tot Ion:112 Resp: 418587

Ion Ratio Lower Upper

112 100

64 56.0 56.3 84.5#

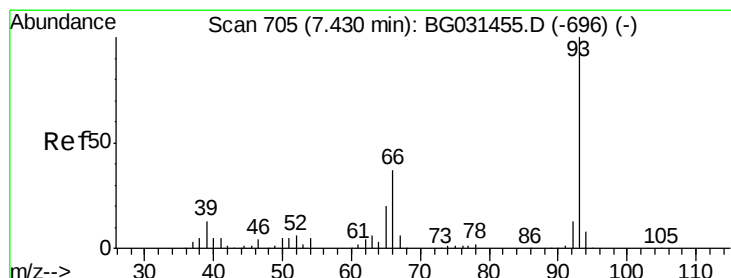
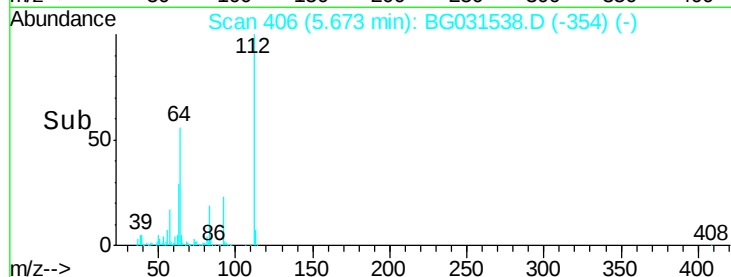
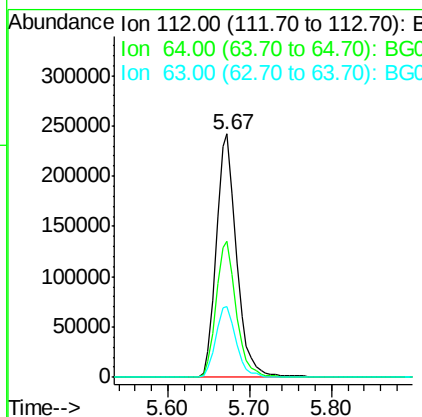
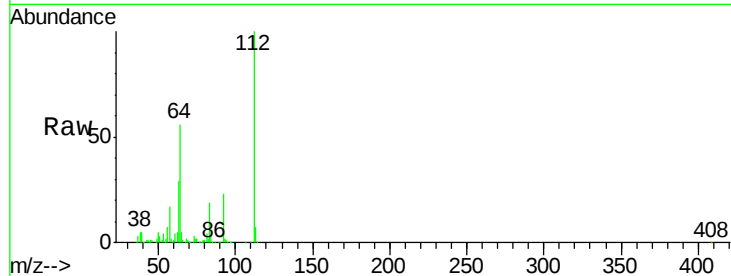
63 29.0 30.1 45.1#

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#6

Aniline

Concen: 10.717 ng

RT: 7.43 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG031538.D

Acq: 13 Dec 2017 21:37

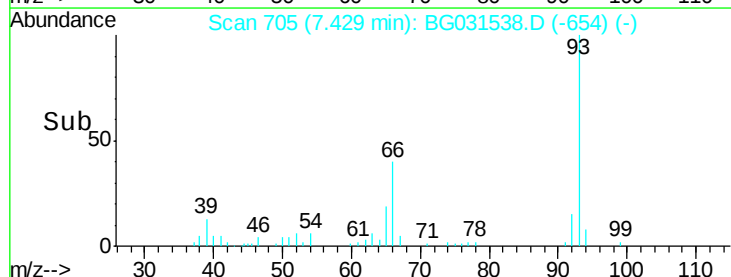
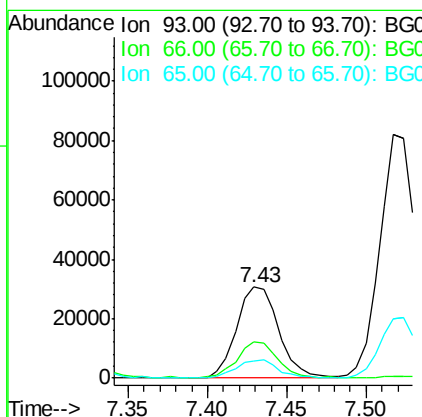
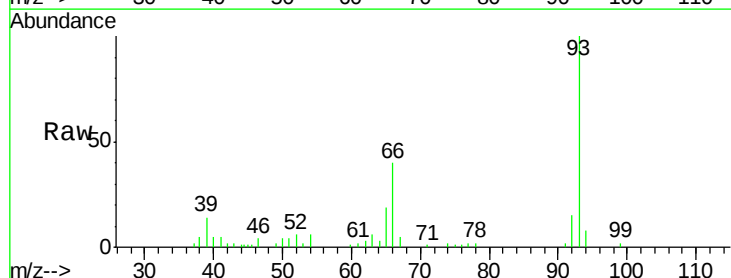
Tgt Ion: 93 Resp: 56664

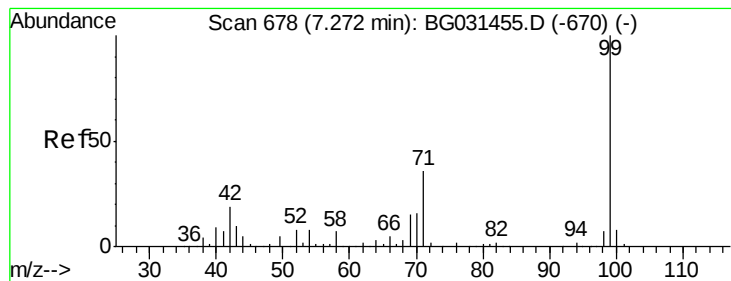
Ion Ratio Lower Upper

93 100

66 39.7 33.7 50.5

65 18.9 16.1 24.1





#7

Phenol-d6

Concen: 128.139 ng

RT: 7.28 min Scan# 680

Delta R.T. 0.01 min

Lab File: BG031538.D

Acq: 13 Dec 2017 21:37

Instrument :

BNA_G

ClientSampleId :

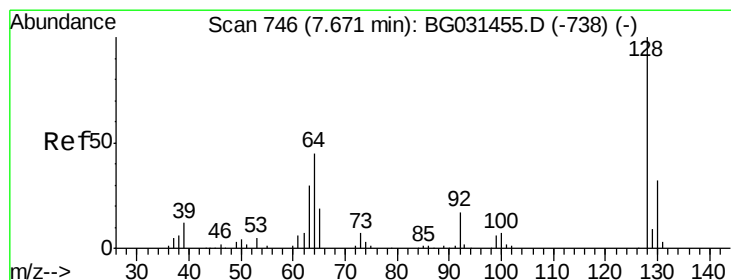
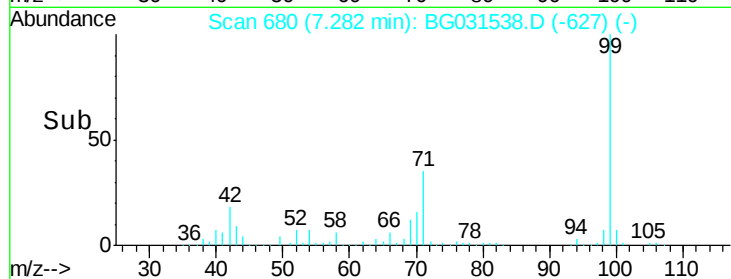
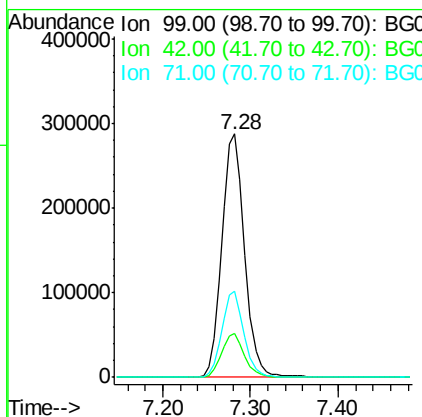
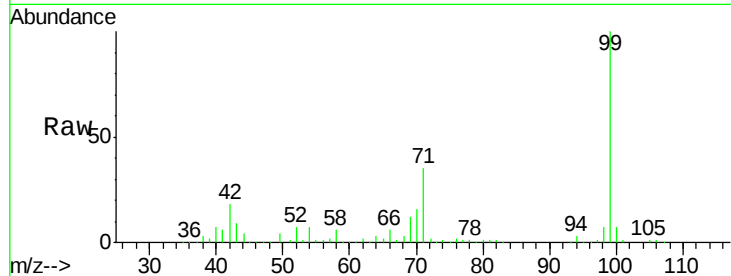
OK-03-121217MS

Tot Ion:	99	Resp:	514477
Ion Ratio	Lower	Upper	
99	100		
42	18.1	14.1	21.1
71	35.3	26.1	39.1

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#8

2-Chlorophenol

Concen: 45.333 ng

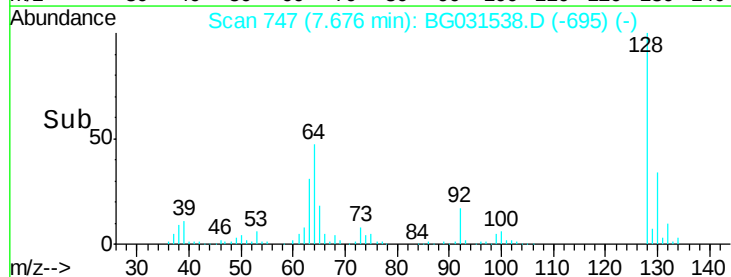
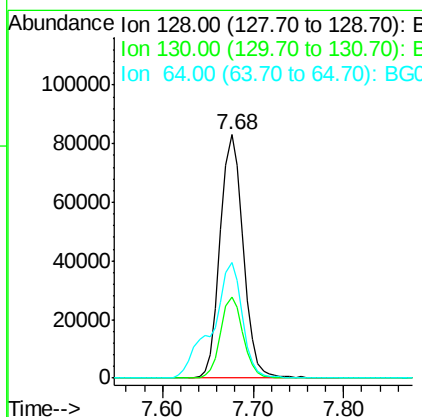
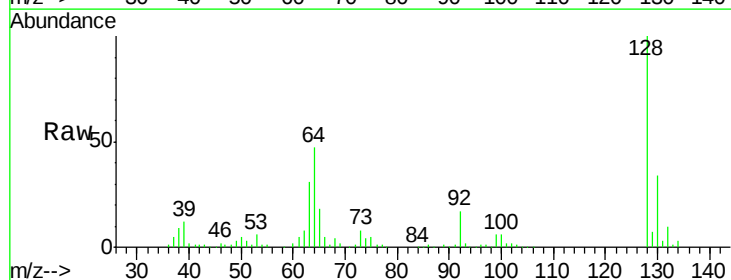
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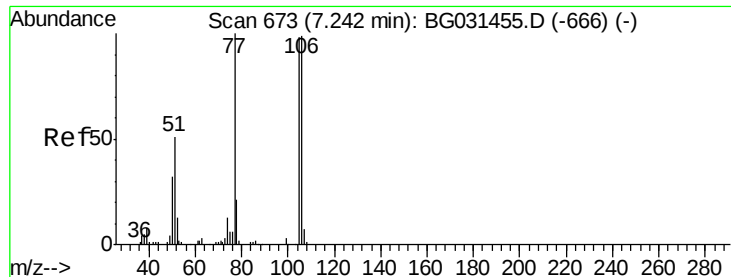
Delta R.T. 0.00 min

Lab File: BG031538.D

Acq: 13 Dec 2017 21:37

Tgt Ion:	128	Resp:	146247
Ion Ratio	Lower	Upper	
128	100		
130	33.5	14.0	54.0
64	47.2	37.7	77.7





#9

Benzaldehyde

Concen: 33.207 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.00 min

Lab File: BG031538.D

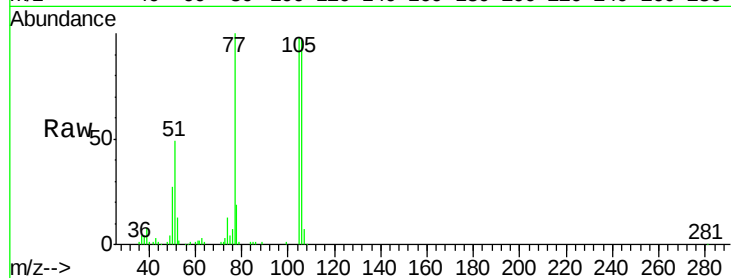
Acq: 13 Dec 2017 21:37

Instrument :

BNA_G

ClientSampleId :

OK-03-121217MS

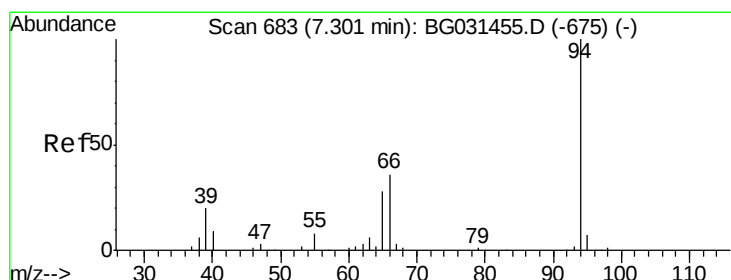
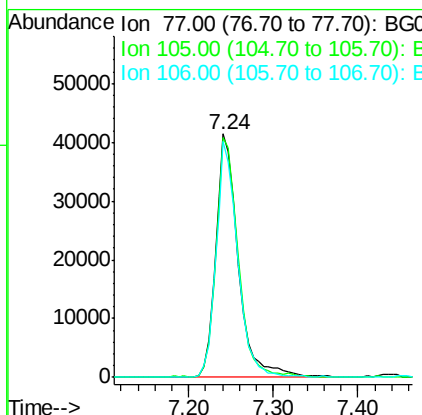
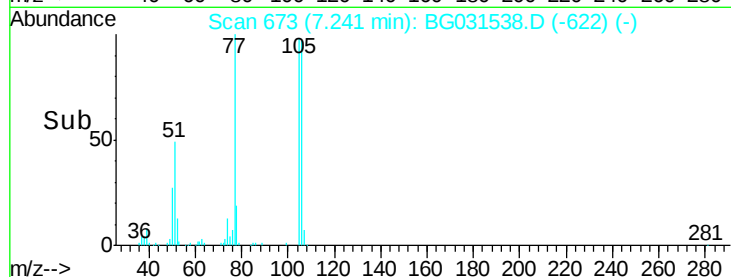


Tot Ion:	77	Resp:	77281
Ion	Ratio	Lower	Upper
77	100		
105	98.4	71.3	111.3
106	97.1	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 40.733 ng

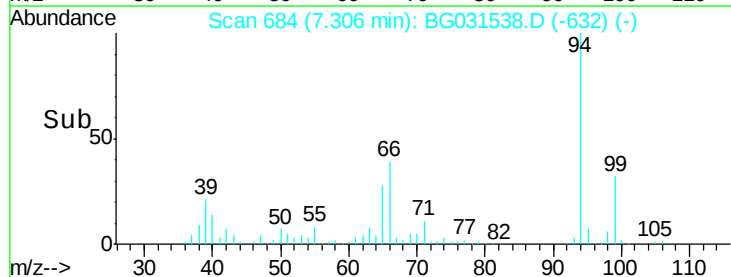
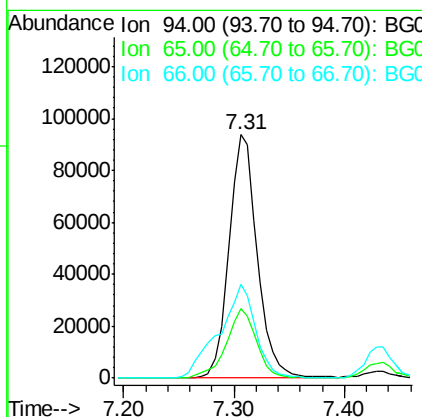
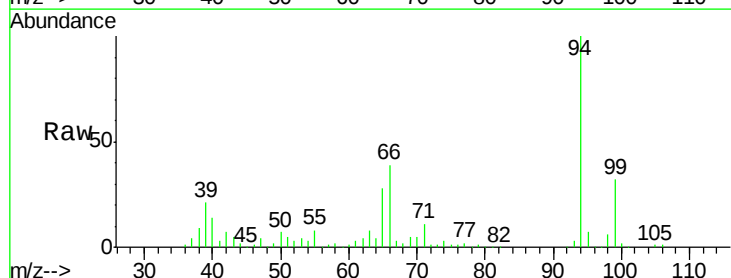
RT: 7.31 min Scan# 684

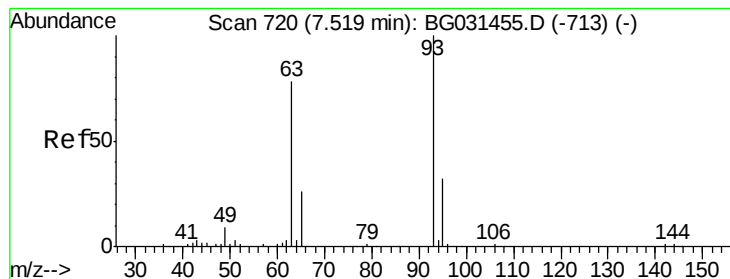
Delta R.T. 0.00 min

Lab File: BG031538.D

Acq: 13 Dec 2017 21:37

Tgt Ion:	94	Resp:	168002
Ion	Ratio	Lower	Upper
94	100		
65	28.5	11.9	51.9
66	38.7	22.2	62.2





#11
bis(2-Chloroethyl)ether
Concen: 40.367 ng
RT: 7.52 min Scan# 720
Delta R.T. -0.00 min
Lab File: BG031538.D
Acq: 13 Dec 2017 21:37

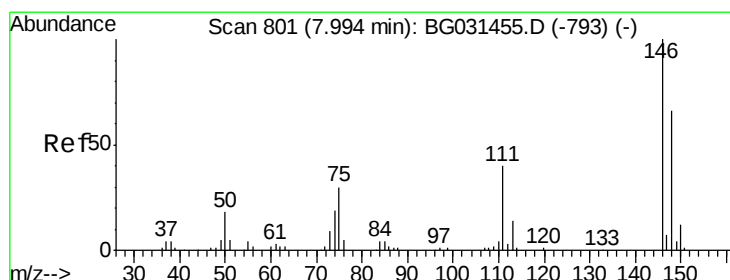
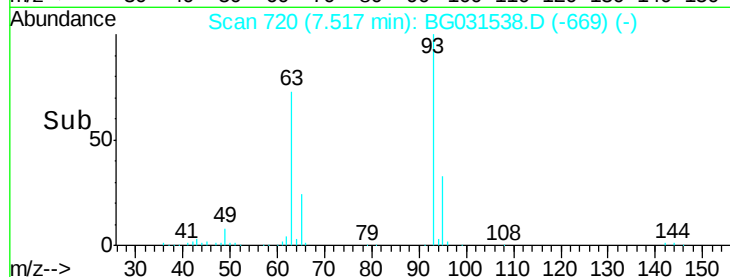
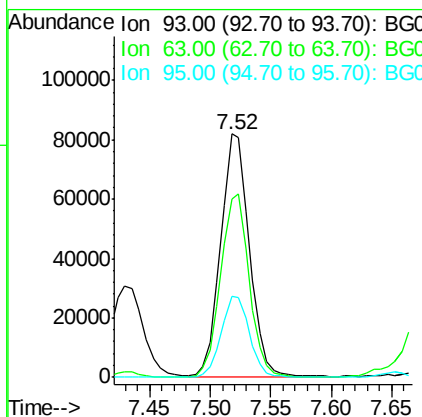
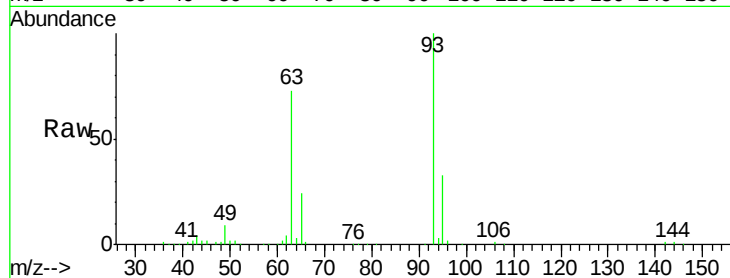
Instrument :
BNA_G
ClientSampleId :
OK-03-121217MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		135889		
63	73.4	67.1	107.1		
95	33.4	11.5	51.5		

Manual Integrations
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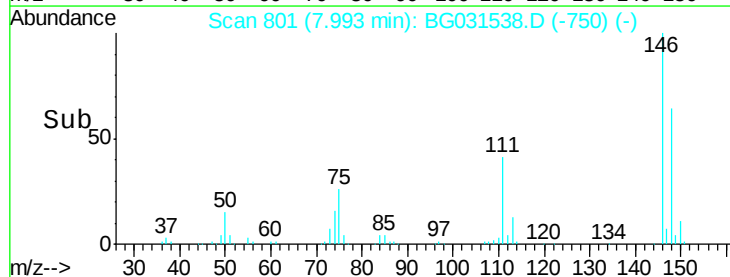
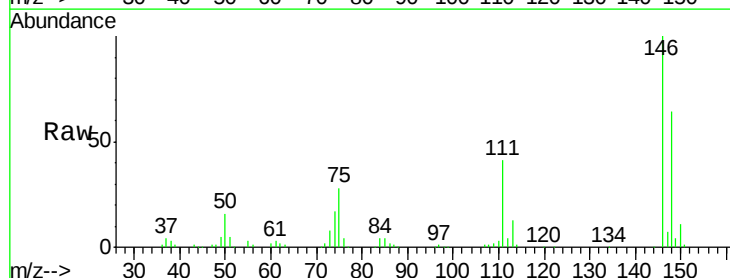
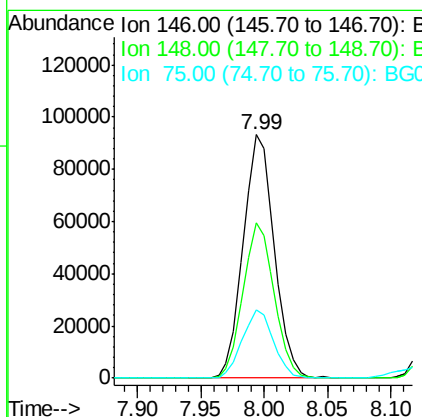
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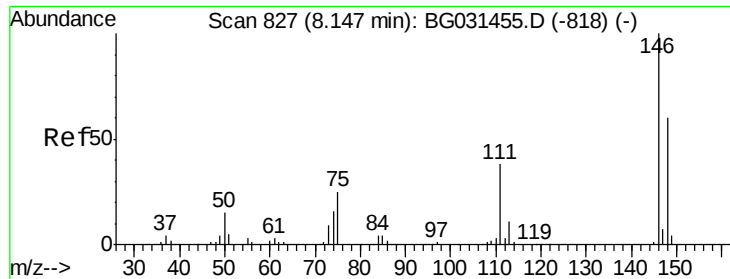
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#12
1,3-Dichlorobenzene
Concen: 41.386 ng
RT: 7.99 min Scan# 801
Delta R.T. -0.00 min
Lab File: BG031538.D
Acq: 13 Dec 2017 21:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		158774		
148	64.0	51.4	77.2		
75	27.8	26.6	39.8		





#13
 1,4-Dichlorobenzene
 Concen: 40.411 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BG031538.D
 Acq: 13 Dec 2017 21:37

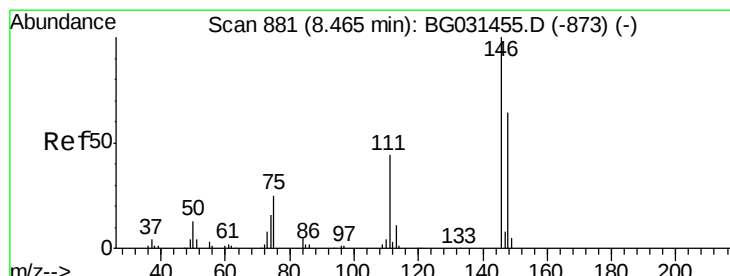
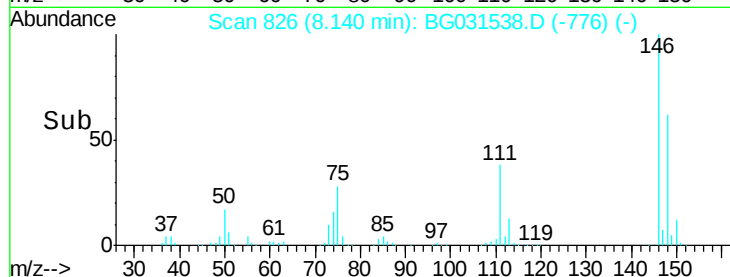
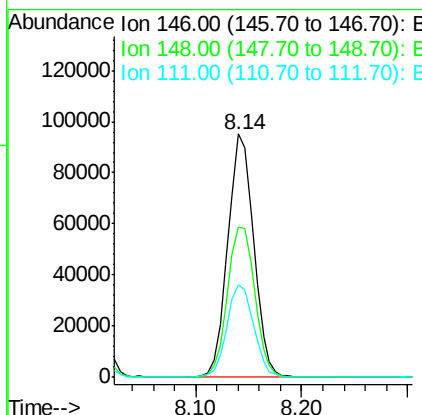
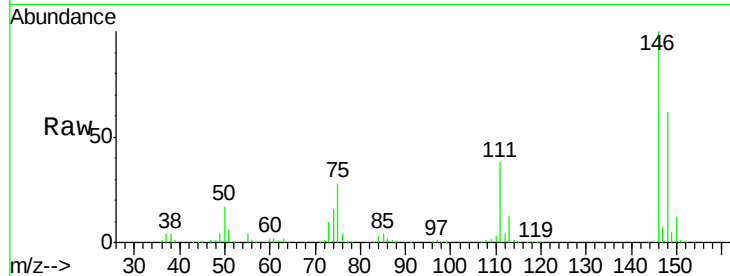
Instrument :
 BNA_G
 ClientSampleId :
 OK-03-121217MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.8	53.7	80.5
111	38.2	35.2	52.8

Manual Integrations
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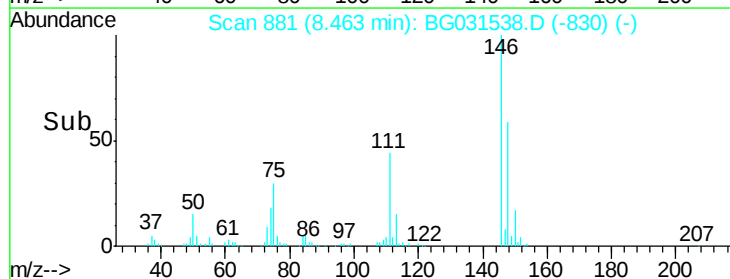
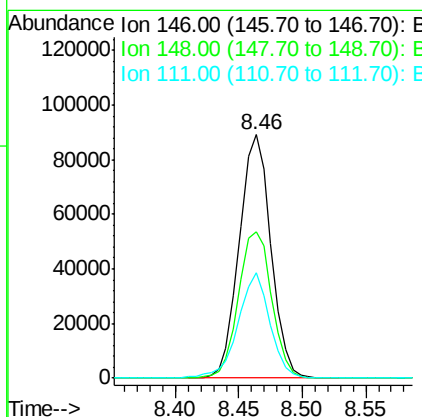
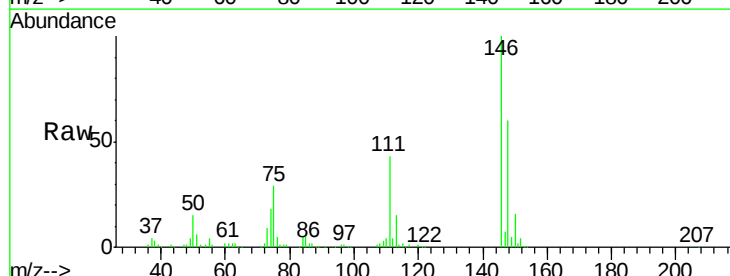
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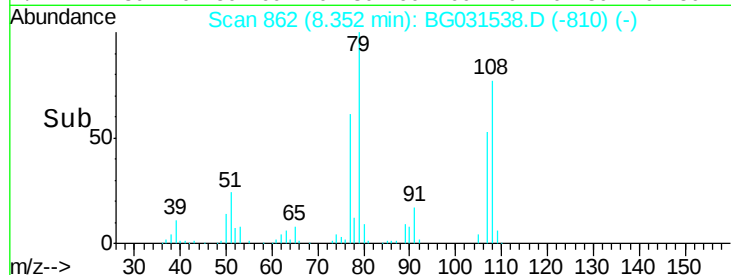
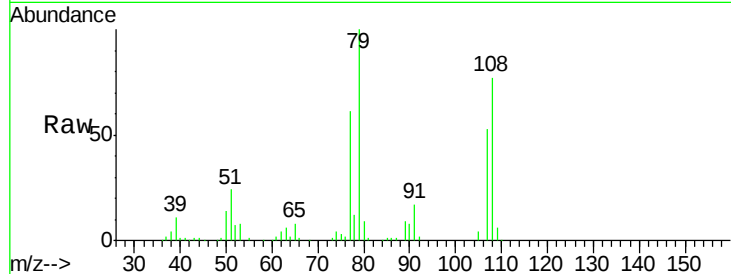
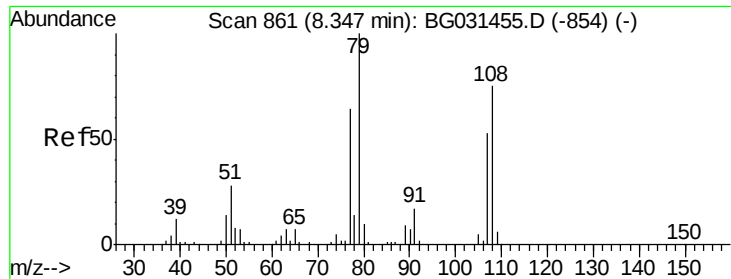
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#14
 1,2-Dichlorobenzene
 Concen: 40.619 ng
 RT: 8.46 min Scan# 881
 Delta R.T. -0.00 min
 Lab File: BG031538.D
 Acq: 13 Dec 2017 21:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.2	49.3	73.9
111	43.2	34.3	51.5





#15
Benzyl Alcohol
Concen: 41.519 ng
RT: 8.35 min Scan# 862
Delta R.T. 0.00 min
Lab File: BG031538.D
Acq: 13 Dec 2017 21:37

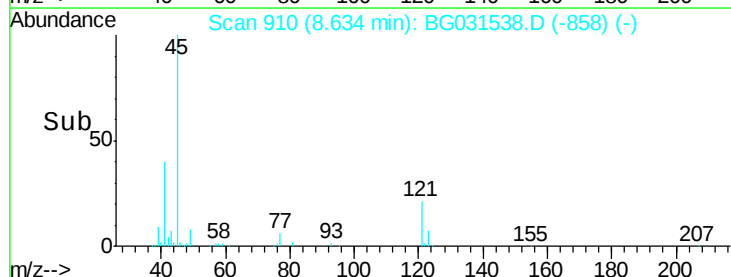
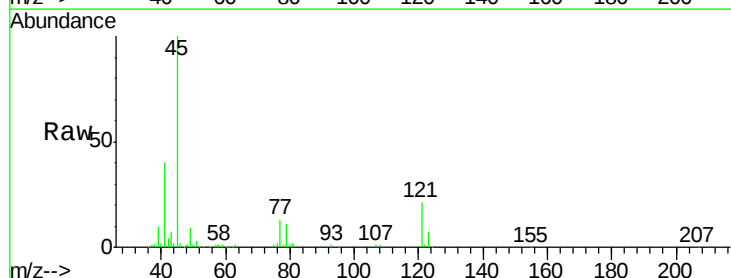
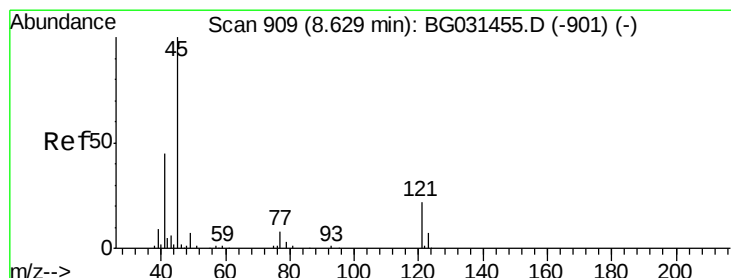
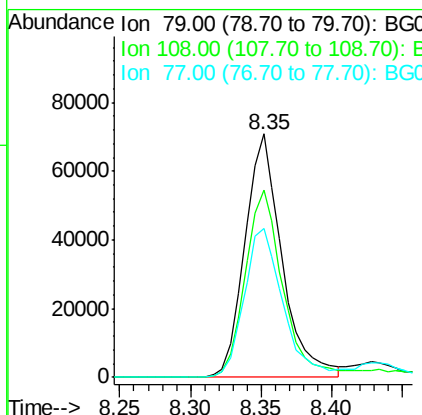
Tot Ion	Ratio	Lower	Upper
79	100		
108	76.9	57.2	85.8
77	61.3	46.1	69.1

Instrument :
BNA_G
ClientSampleId :
OK-03-121217MS

Manual Integrations
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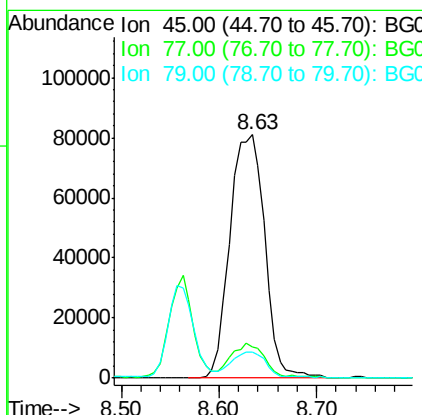
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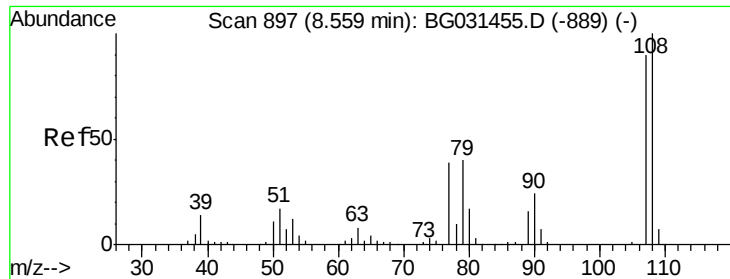
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.072 ng
RT: 8.63 min Scan# 910
Delta R.T. 0.00 min
Lab File: BG031538.D
Acq: 13 Dec 2017 21:37

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.0	0.0	30.2
79	10.9	0.0	27.9





#17
2-Methylphenol
Concen: 44.320 ng
RT: 8.56 min Scan# 898
Delta R.T. 0.00 min
Lab File: BG031538.D
Acq: 13 Dec 2017 21:37

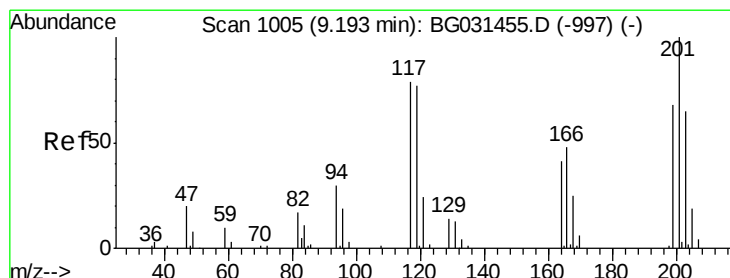
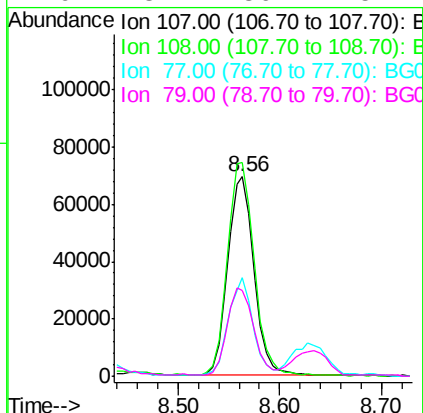
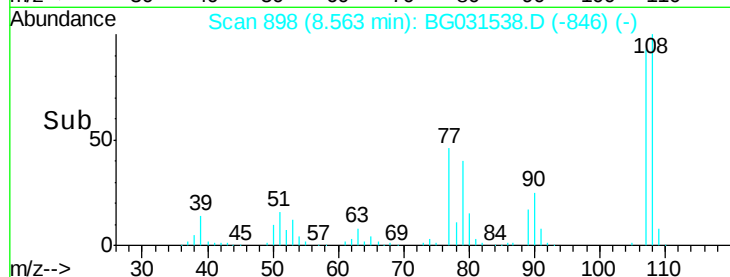
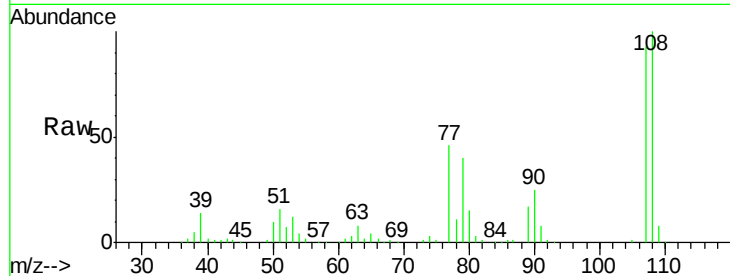
Instrument :
BNA_G
ClientSampleId :
OK-03-121217MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.1	83.9	125.9	
77	49.2	37.2	55.8	
79	43.1	36.2	54.2	

Manual Integrations
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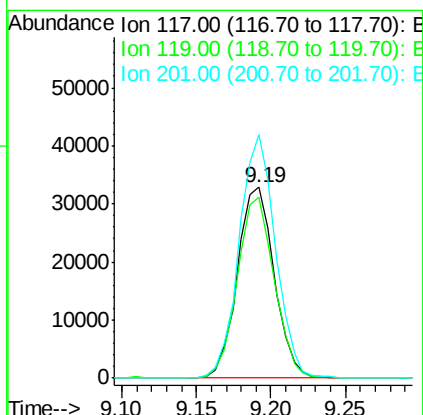
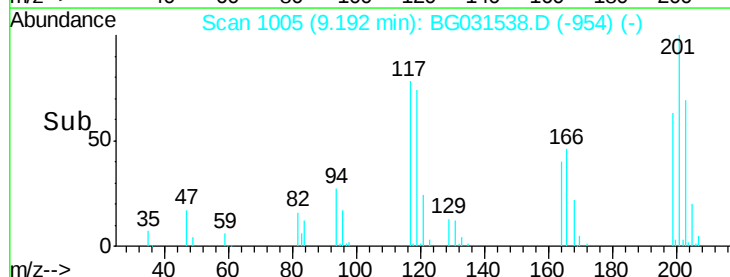
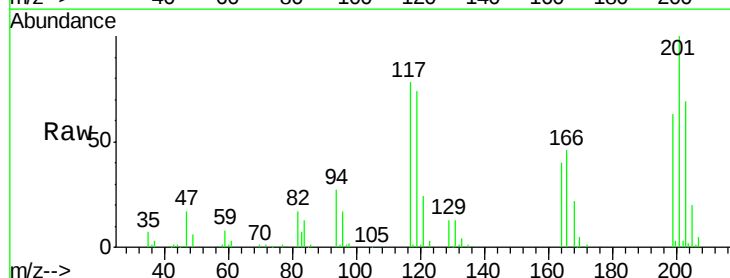
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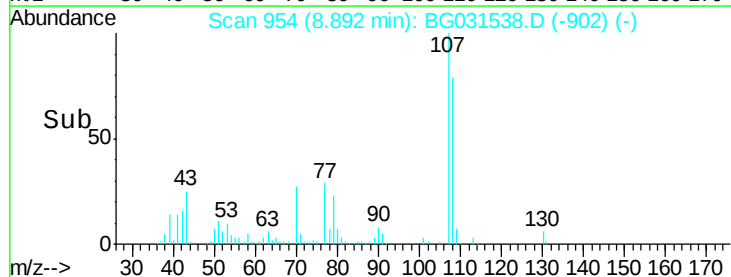
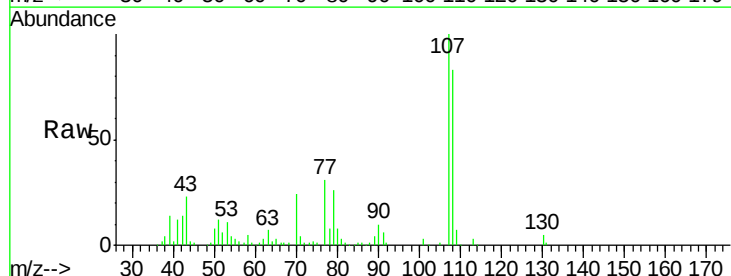
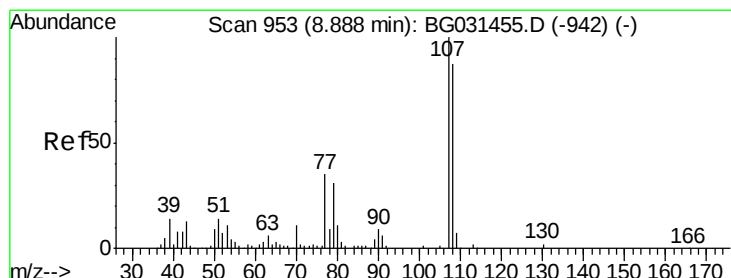
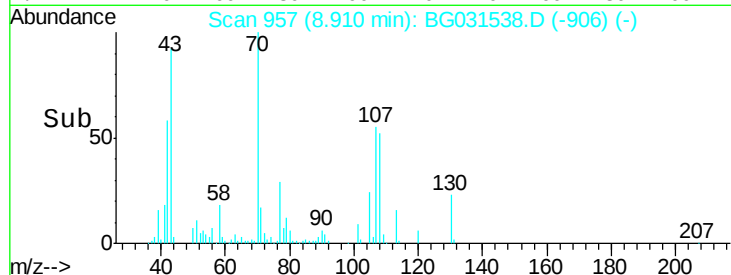
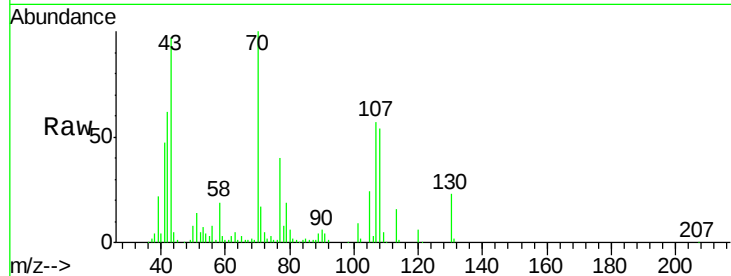
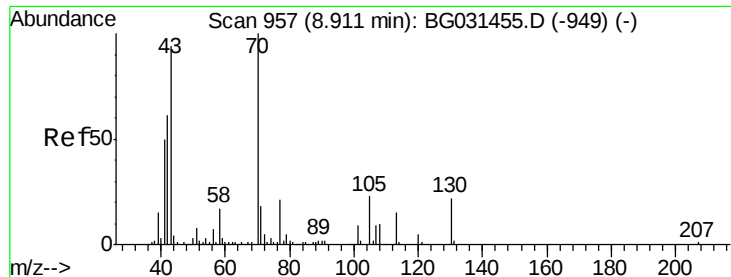
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#18
Hexachloroethane
Concen: 41.781 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG031538.D
Acq: 13 Dec 2017 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.9	76.7	115.1	
201	127.4	95.7	143.5	





#19

n-Nitroso-di-n-propylamine

Concen: 35.029 ng

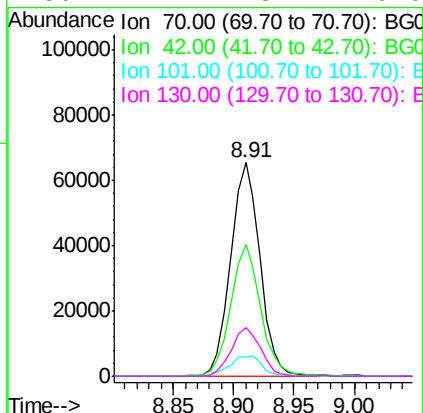
RT: 8.91 min Scan# 957

Delta R.T. -0.00 min

Lab File: BG031538.D

Acq: 13 Dec 2017 21:37

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.5	49.1	73.7
101	9.1	8.5	12.7
130	22.7	13.4	20.0



Instrument :

BNA_G

ClientSampleId :

OK-03-121217MS

Manual Integrations
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#20

3+4-Methylphenols

Concen: 41.747 ng

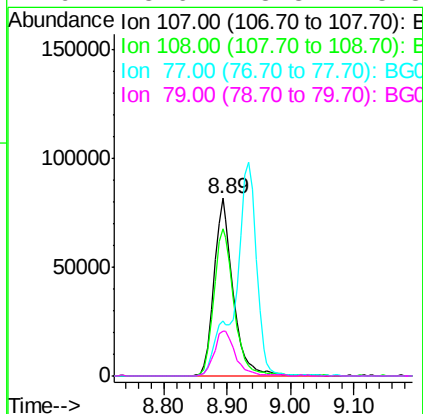
RT: 8.89 min Scan# 954

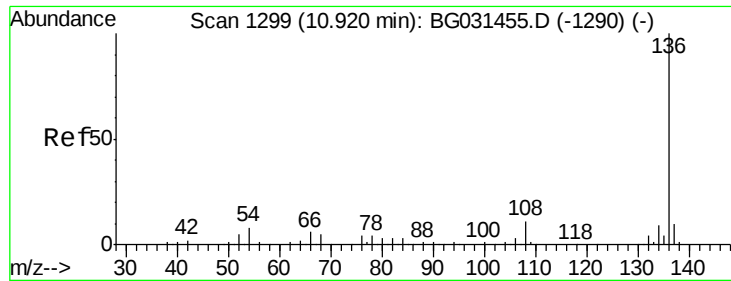
Delta R.T. 0.00 min

Lab File: BG031538.D

Acq: 13 Dec 2017 21:37

Tgt Ion	Ratio	Lower	Upper
107	100		
108	83.0	61.6	101.6
77	31.1	13.9	53.9
79	25.6	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.92 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BG031538.D

Acq: 13 Dec 2017 21:37

Instrument :

BNA_G

ClientSampleId :

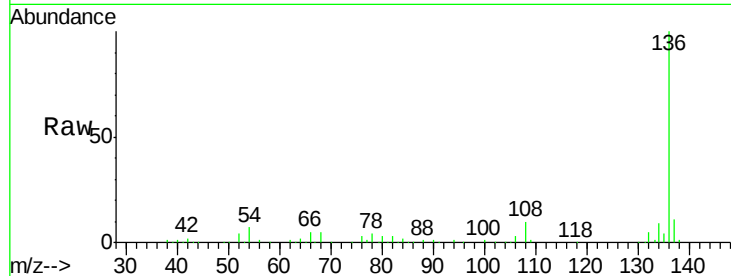
OK-03-121217MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	219141		
137	10.8	9.2	13.8	
54	7.3	10.3	15.5	
68	5.2	4.5	6.7	

Manual Integrations
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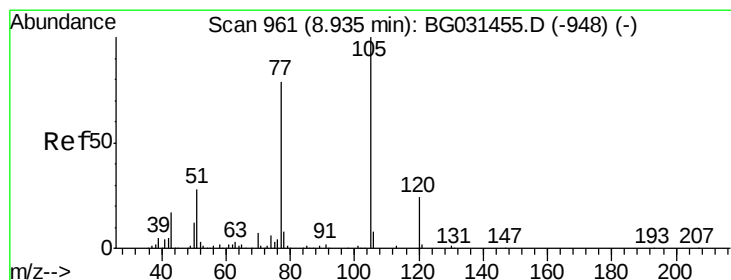
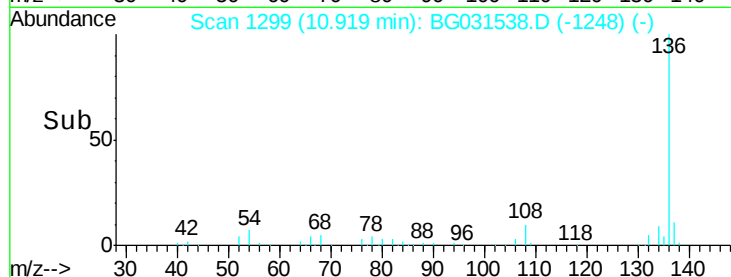
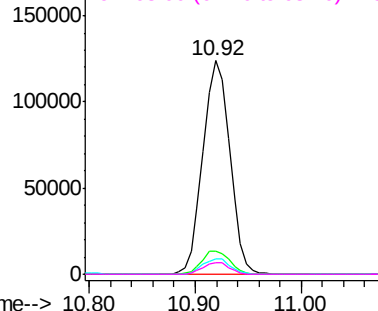


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 44.019 ng

RT: 8.93 min Scan# 961

Delta R.T. -0.00 min

Lab File: BG031538.D

Acq: 13 Dec 2017 21:37

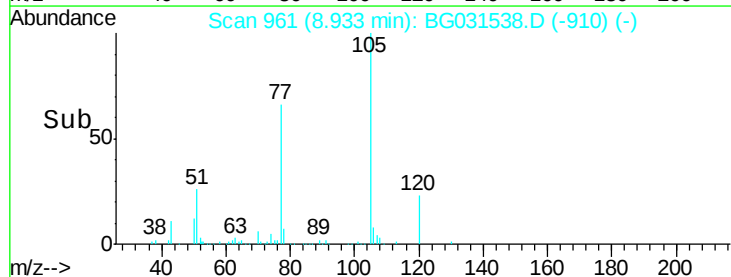
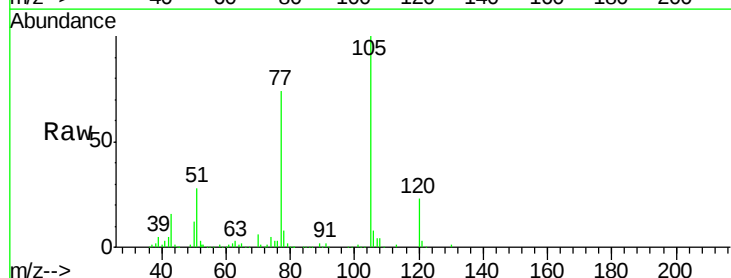
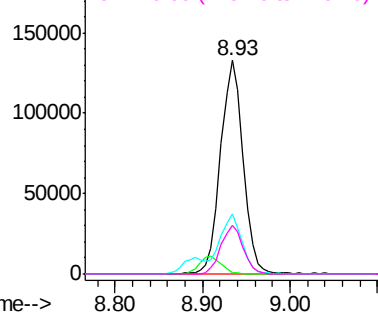
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	231415		
71	0.7	3.0	4.4	
51	27.9	26.1	39.1	
120	22.5	17.4	26.2	

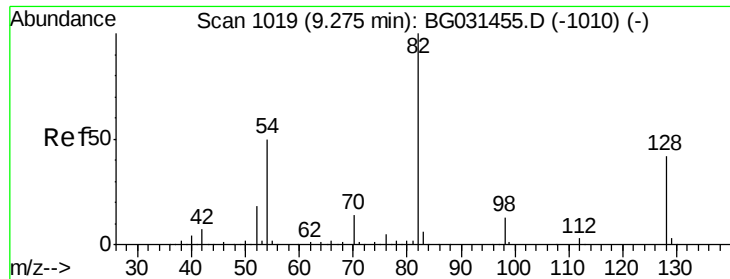
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





#23
 Nitrobenzene-d5
 Concen: 95.685 ng
 RT: 9.27 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BG031538.D
 Acq: 13 Dec 2017 21:37

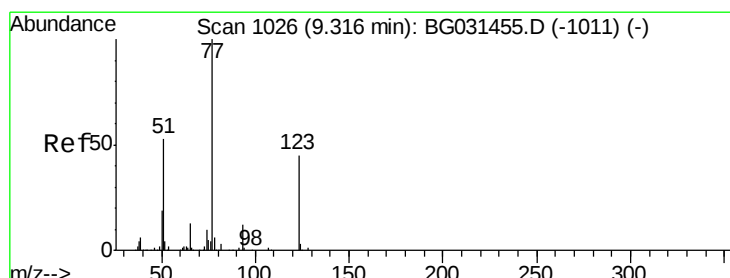
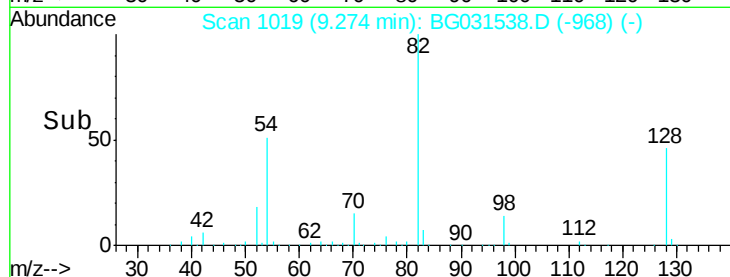
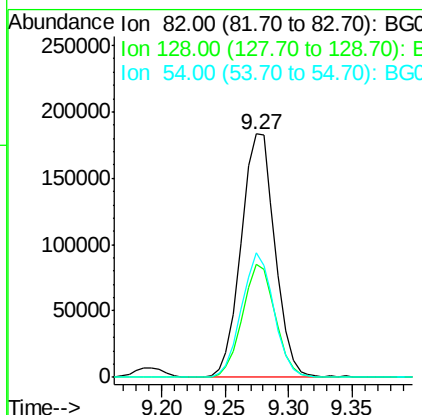
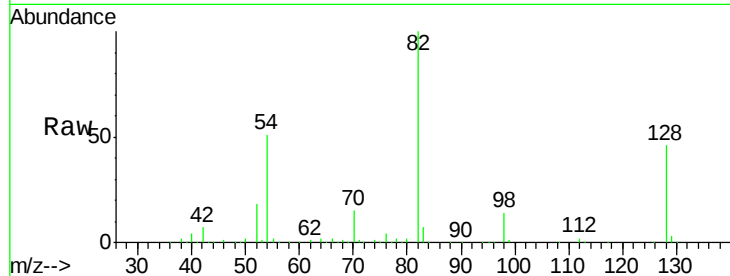
Instrument :
 BNA_G
 ClientSampleId :
 OK-03-121217MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.2	29.7	44.5#	
54	51.2	43.1	64.7	

Manual Integrations
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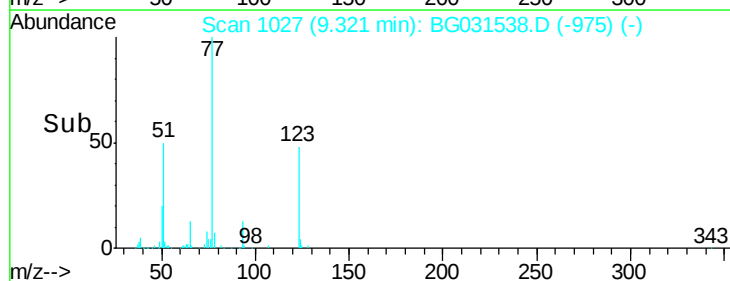
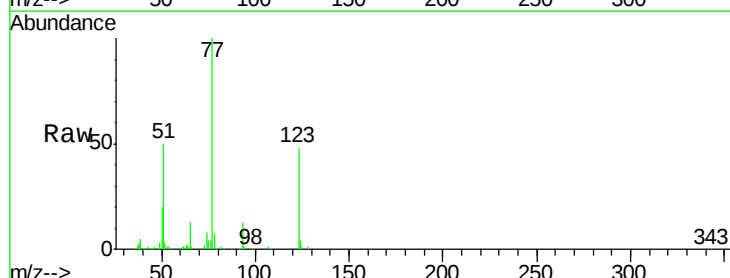
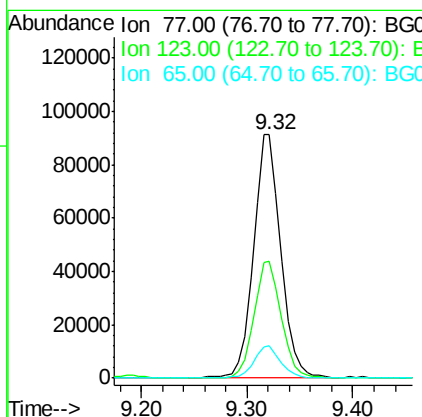
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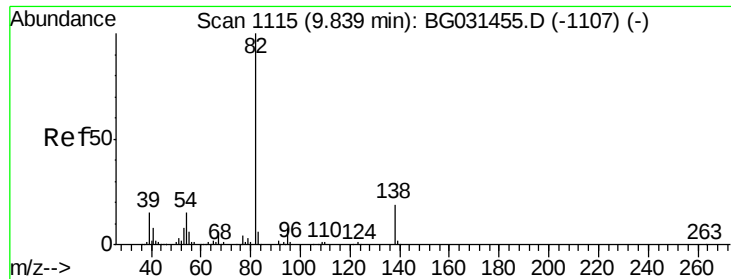
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#24
 Nitrobenzene
 Concen: 45.220 ng
 RT: 9.32 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BG031538.D
 Acq: 13 Dec 2017 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	47.8	33.0	49.6	
65	13.3	13.0	19.6	





#25
Isophorone
Concen: 47.557 ng
RT: 9.84 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BG031538.D
Acq: 13 Dec 2017 21:37

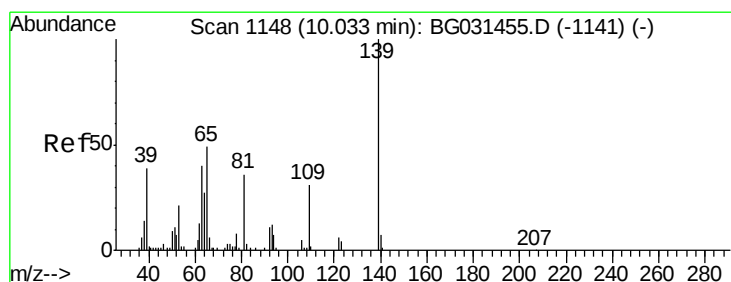
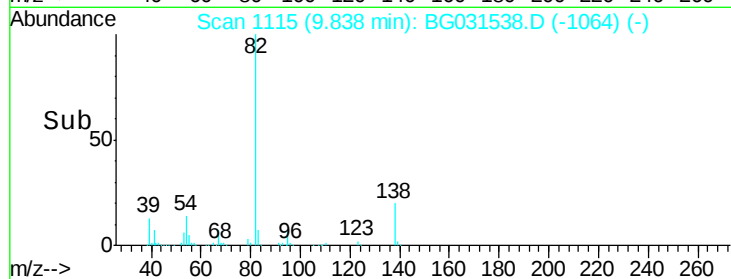
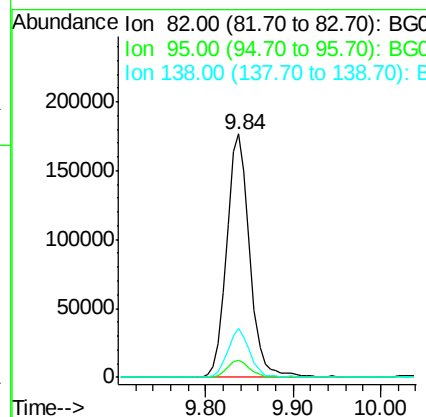
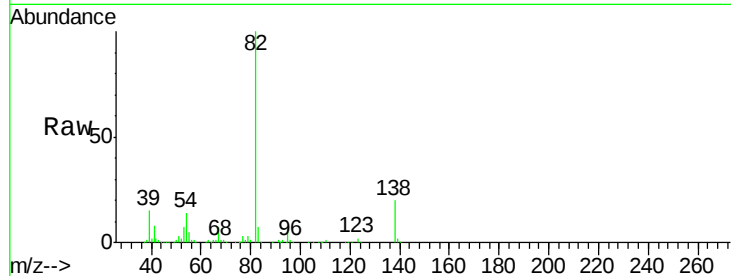
Instrument :
BNA_G
ClientSampleId :
OK-03-121217MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
82	100		319541		
95	7.2		6.2	9.2	
138	20.2		12.1	18.1	

Manual Integrations
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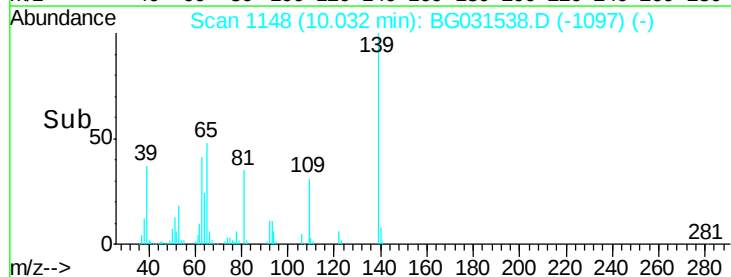
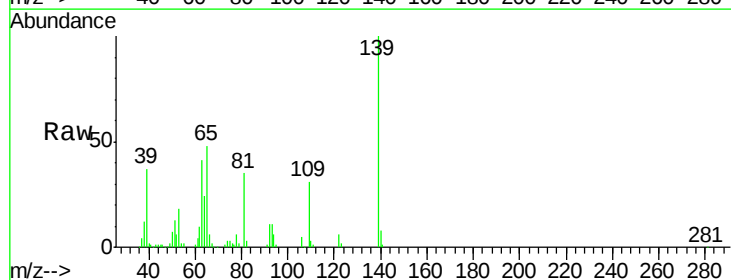
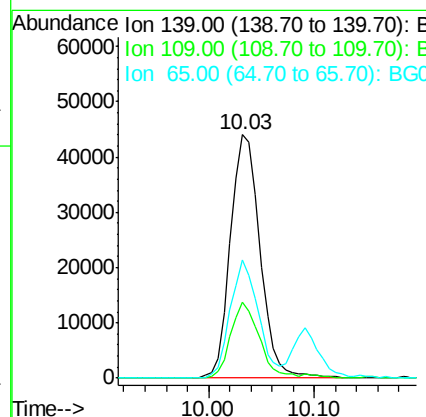
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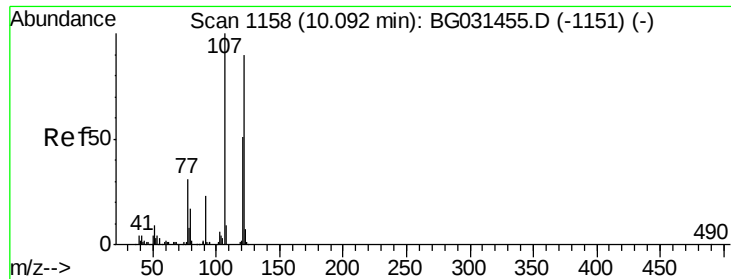
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#26
2-Nitrophenol
Concen: 47.520 ng
RT: 10.03 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BG031538.D
Acq: 13 Dec 2017 21:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
139	100		85607		
109	31.4		24.2	36.2	
65	48.3		47.4	71.0	





#27
2,4-Dimethylphenol
Concen: 55.969 ng
RT: 10.09 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BG031538.D
Acq: 13 Dec 2017 21:37

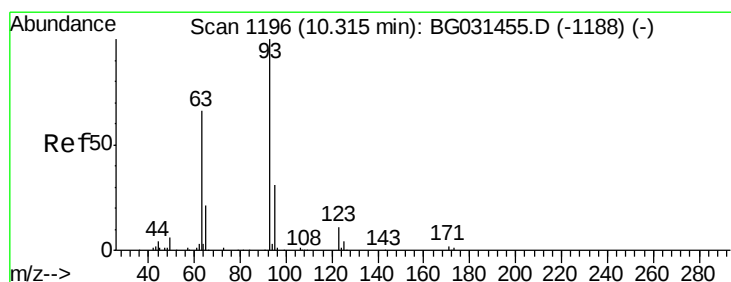
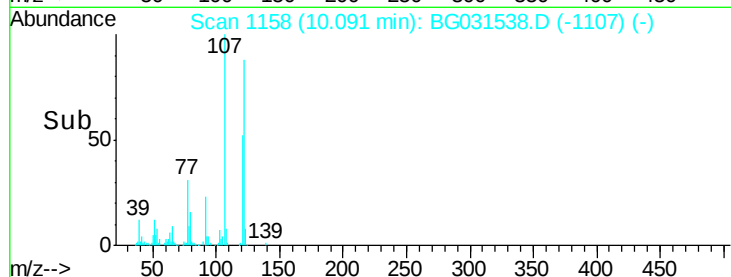
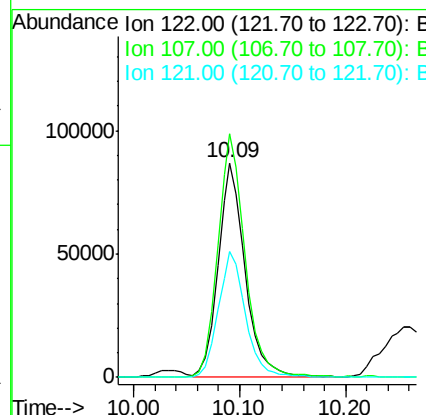
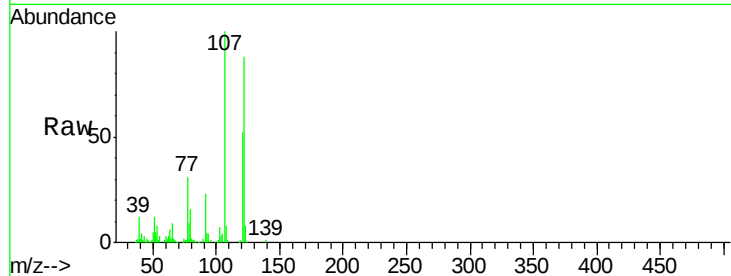
Instrument :
BNA_G
ClientSampleId :
OK-03-121217MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.5	100.2	150.2
121	58.5	44.4	66.6

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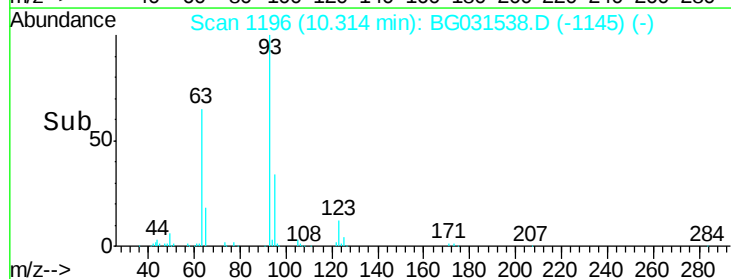
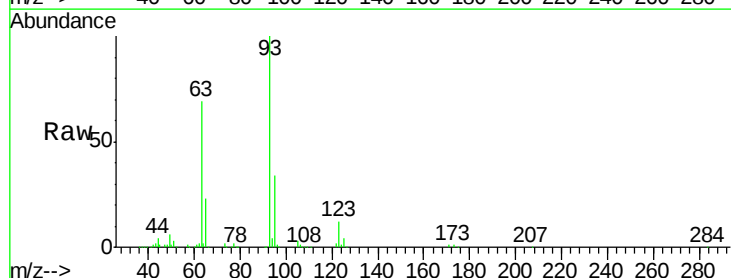
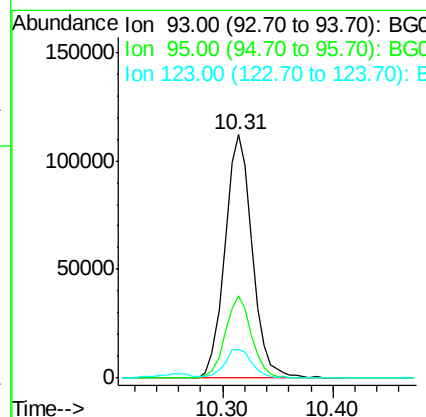
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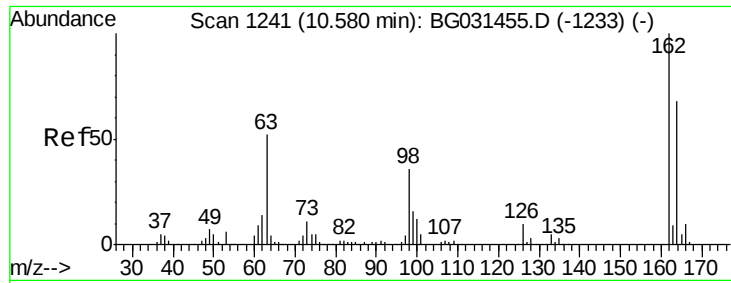
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#28
bis(2-Chloroethoxy)methane
Concen: 44.517 ng
RT: 10.31 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BG031538.D
Acq: 13 Dec 2017 21:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	24.3	36.5
123	11.8	8.4	12.6





#29
2,4-Dichlorophenol
Concen: 52.754 ng
RT: 10.58 min Scan# 1242
Delta R.T. 0.00 min
Lab File: BG031538.D
Acq: 13 Dec 2017 21:37

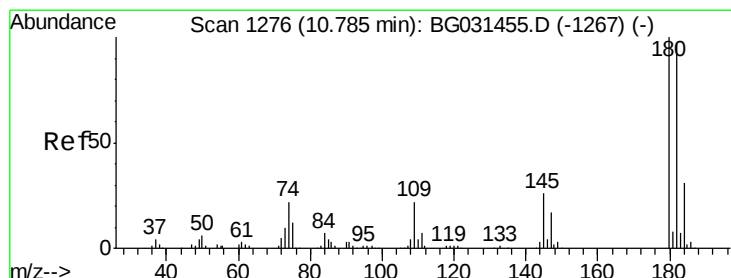
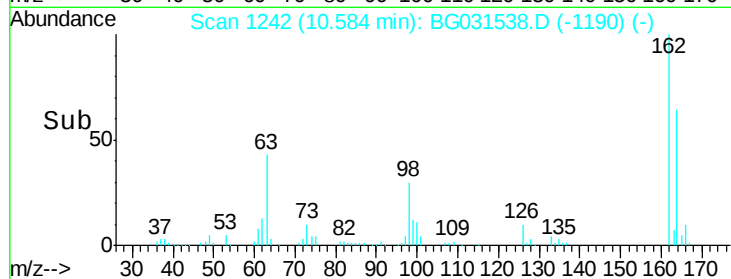
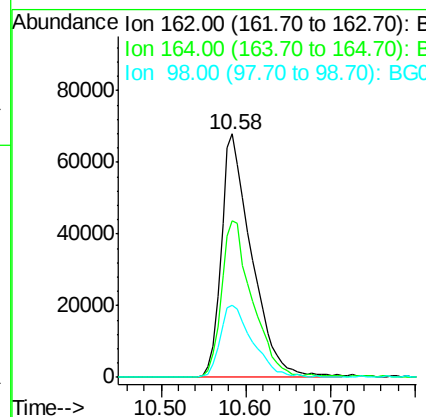
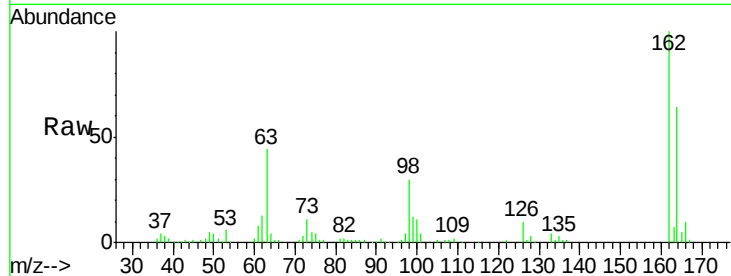
Instrument :
BNA_G
ClientSampleId :
OK-03-121217MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	170092		
164	64.5	48.0	88.0	
98	29.8	21.1	61.1	

Manual Integrations
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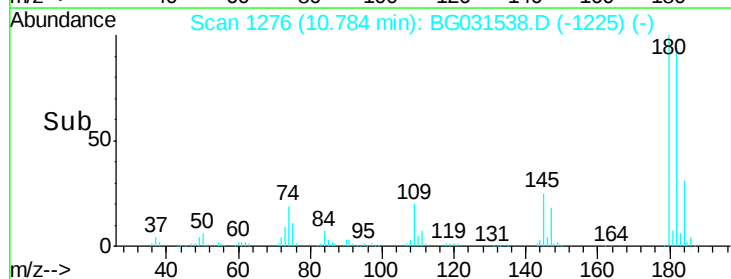
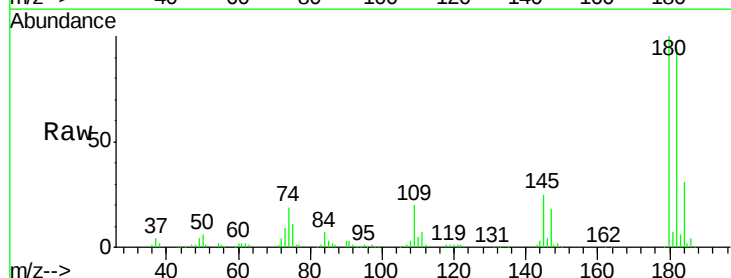
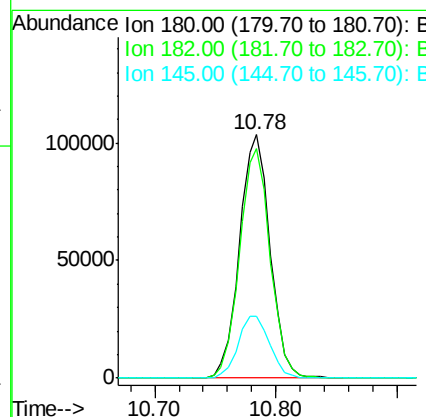
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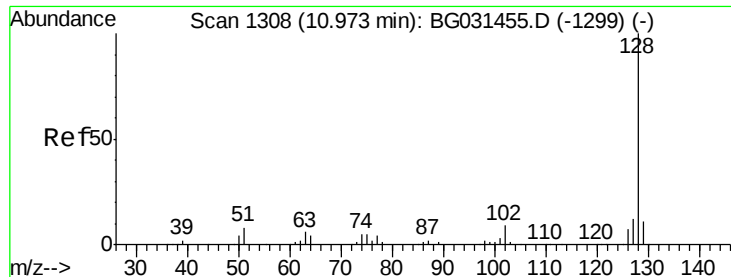
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#30
1,2,4-Trichlorobenzene
Concen: 44.202 ng
RT: 10.78 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BG031538.D
Acq: 13 Dec 2017 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	182049		
182	94.2	77.5	116.3	
145	25.3	23.4	35.2	





#31
Naphthalene
Concen: 43.470 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BG031538.D
Acq: 13 Dec 2017 21:37

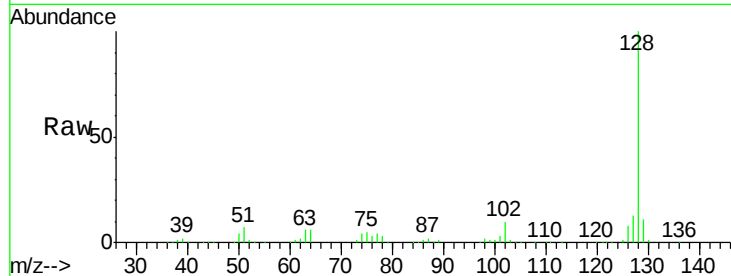
Instrument :
BNA_G
ClientSampleId :
OK-03-121217MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	12.8
127	13.1	11.6	17.4

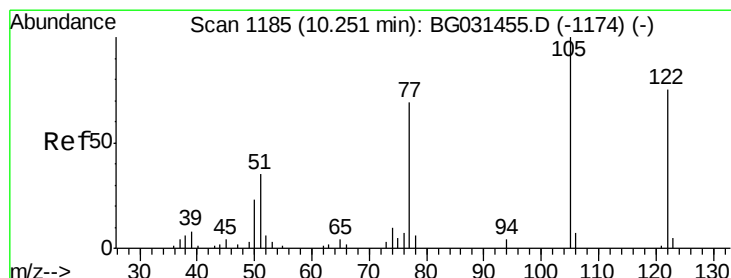
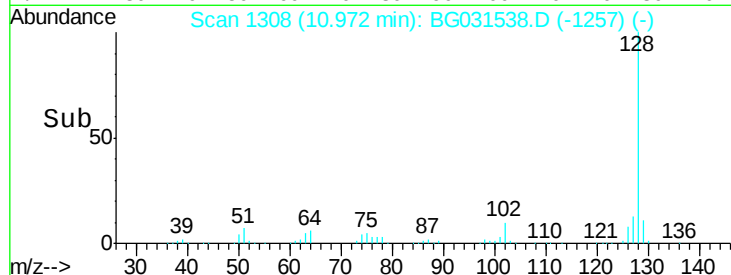
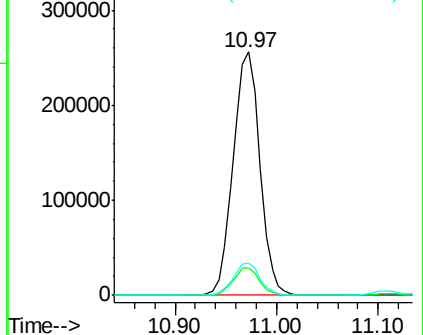
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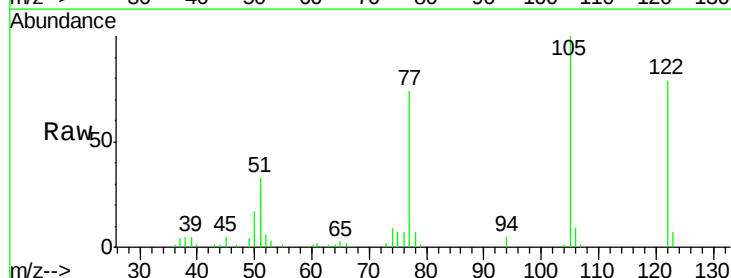


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

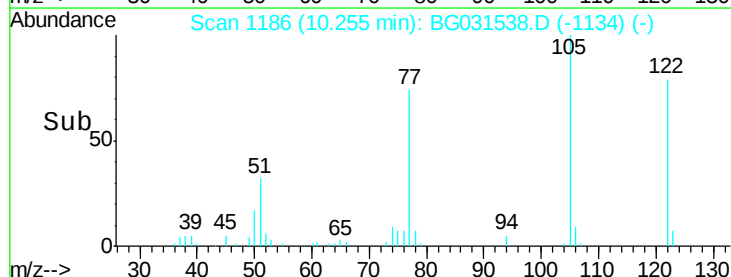
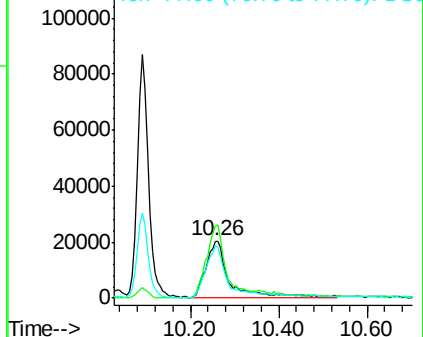


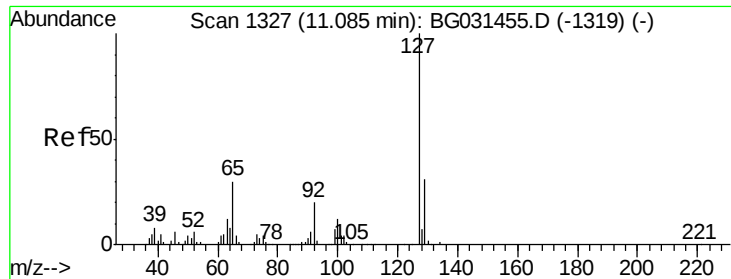
#32
Benzoic acid
Concen: 46.603 ng m
RT: 10.26 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BG031538.D
Acq: 13 Dec 2017 21:37

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.7	123.5	163.5
77	93.5	85.7	125.7



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: 2.137 ng
RT: 11.11 min Scan# 1331
Delta R.T. 0.02 min
Lab File: BG031538.D
Acq: 13 Dec 2017 21:37

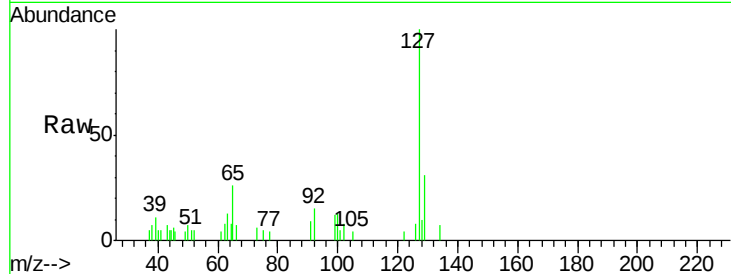
Instrument :
BNA_G
ClientSampleId :
OK-03-121217MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.5	24.0	36.0		
65	26.2	27.0	40.4		
92	15.2	16.6	25.0		

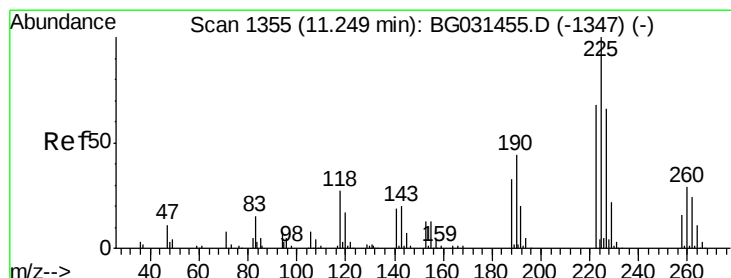
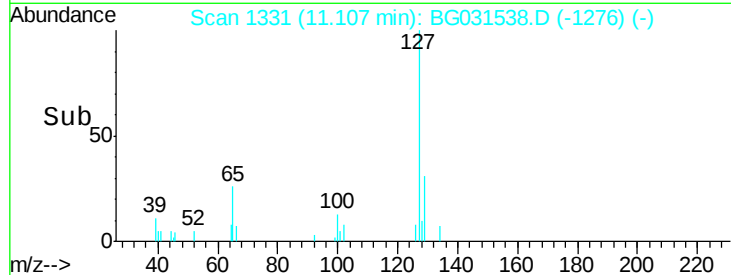
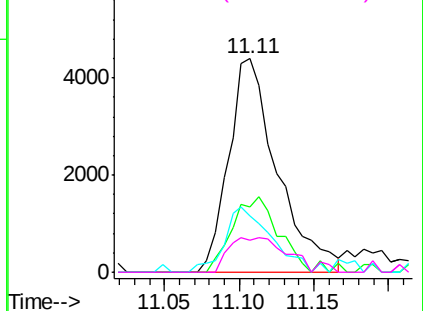
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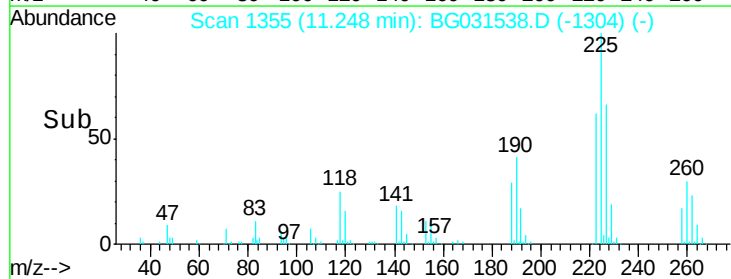
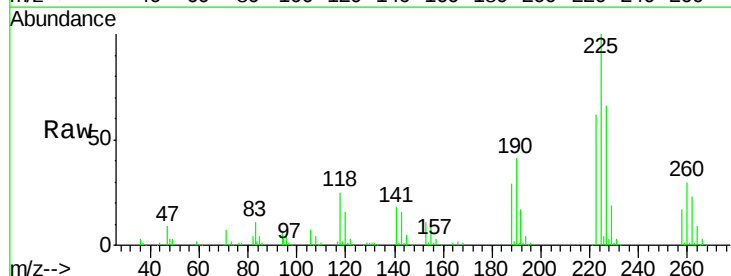
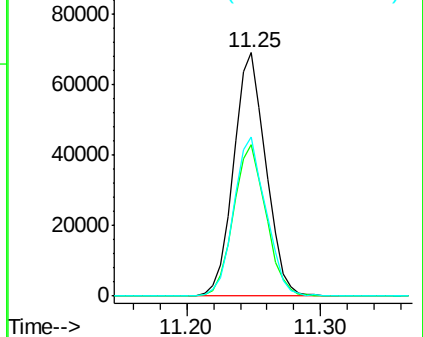
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

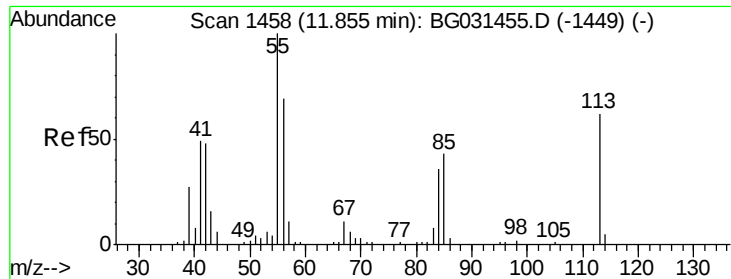


#34
Hexachlorobutadiene
Concen: 42.223 ng
RT: 11.25 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BG031538.D
Acq: 13 Dec 2017 21:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.2	49.7	74.5		
227	65.6	48.1	72.1		

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 47.670 ng/ml

RT: 11.86 min Scan# 1459

Delta R.T. 0.00 min

Lab File: BG031538.D

Acq: 13 Dec 2017 21:37

Instrument :

BNA_G

ClientSampleId :

OK-03-121217MS

Tot Ion:113 Resp: 60353

Ion Ratio Lower Upper

113 100

55 177.4 186.9 226.9#

56 125.2 130.9 170.9#

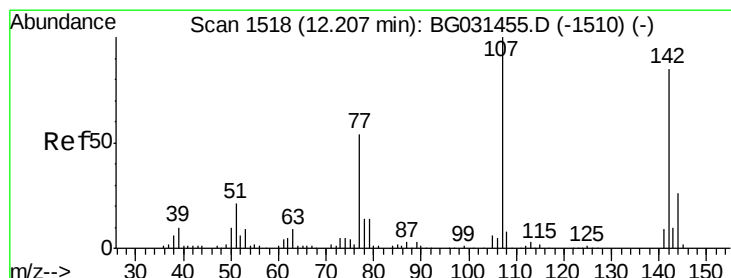
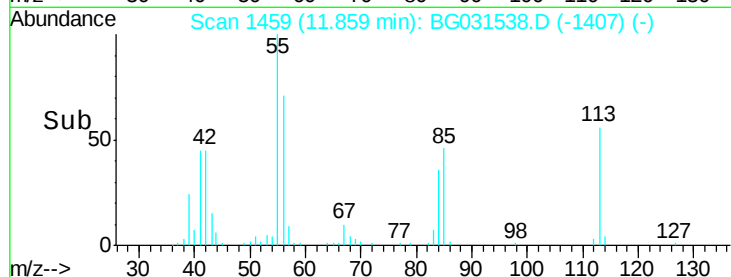
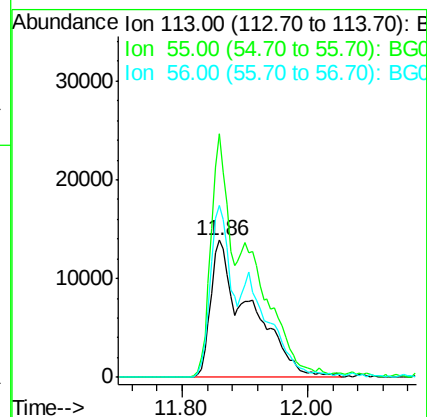
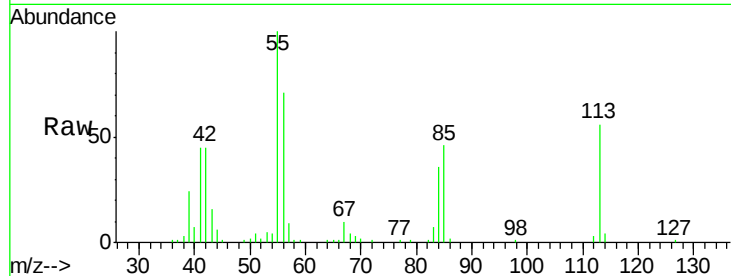
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#36

4-Chloro-3-methylphenol

Concen: 50.665 ng/ml

RT: 12.21 min Scan# 1519

Delta R.T. 0.00 min

Lab File: BG031538.D

Acq: 13 Dec 2017 21:37

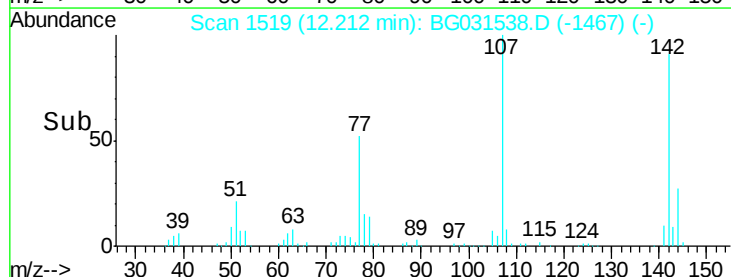
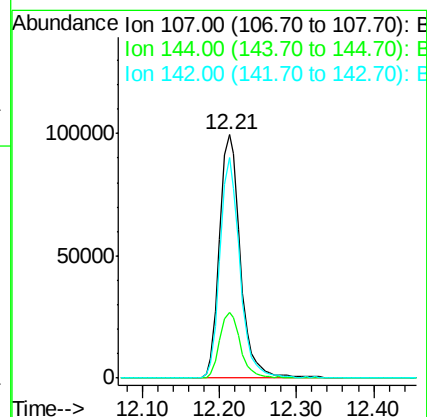
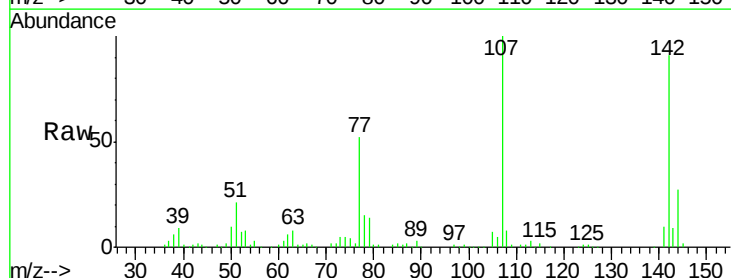
Tgt Ion:107 Resp: 186468

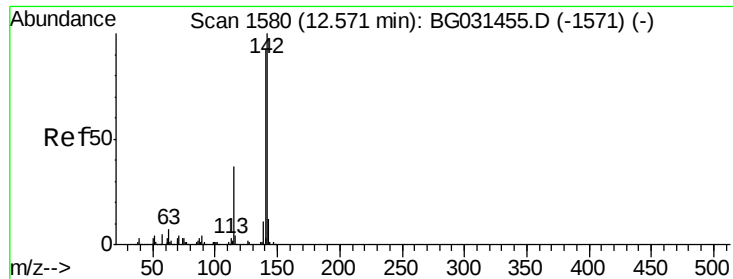
Ion Ratio Lower Upper

107 100

144 27.1 18.2 27.4

142 90.6 59.0 88.4#





#37
2-Methylnaphthalene
Concen: 44.412 ng
RT: 12.57 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BG031538.D
Acq: 13 Dec 2017 21:37

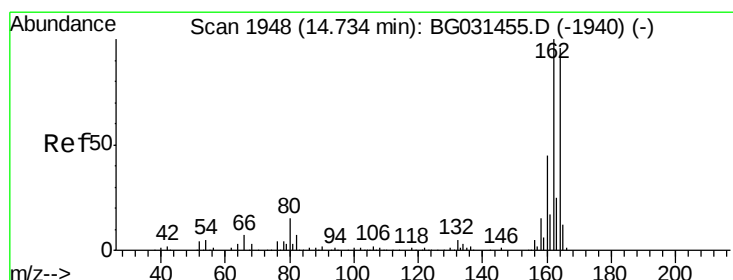
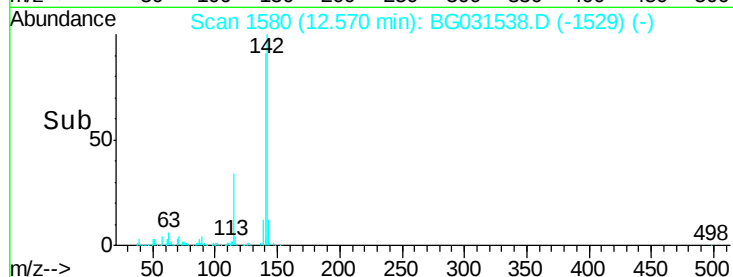
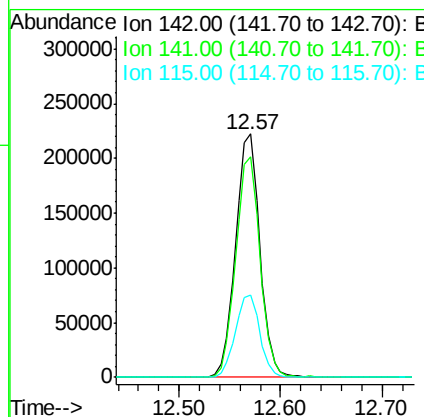
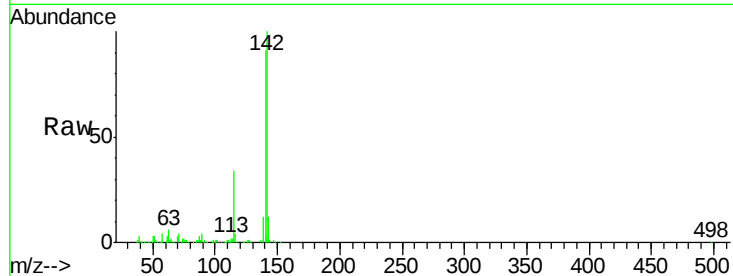
Instrument :
BNA_G
ClientSampleId :
OK-03-121217MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	67.1	100.7
115	33.6	30.7	46.1

Manual Integrations
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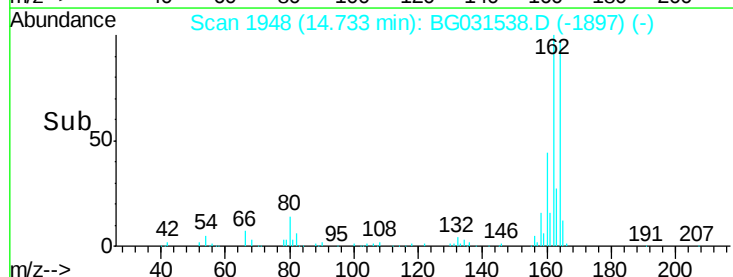
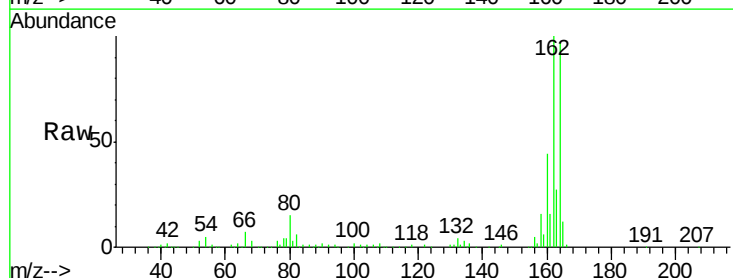
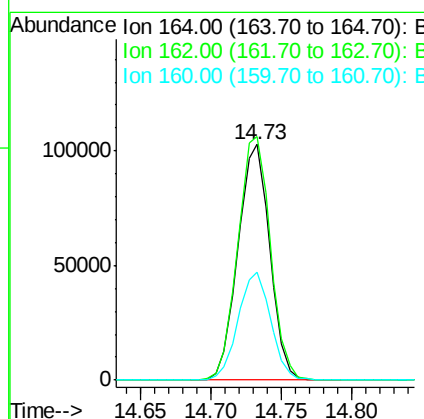
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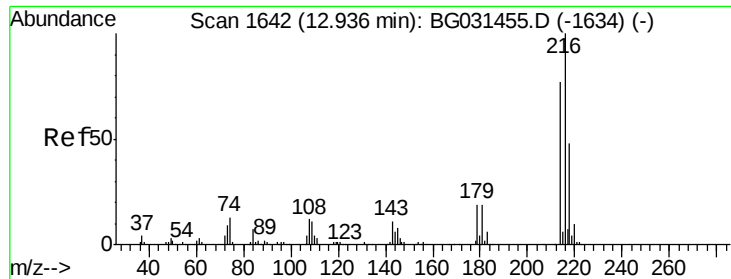
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BG031538.D
Acq: 13 Dec 2017 21:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	78.8	118.2
160	45.9	35.4	53.0





#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.067 ng
 RT: 12.93 min Scan# 1642
 Delta R.T. -0.00 min
 Lab File: BG031538.D
 Acq: 13 Dec 2017 21:37

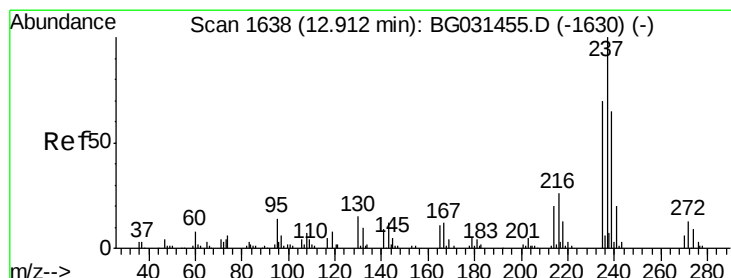
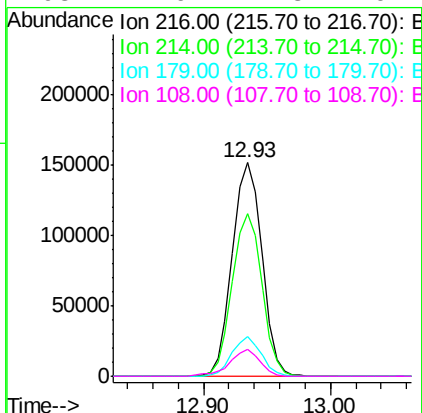
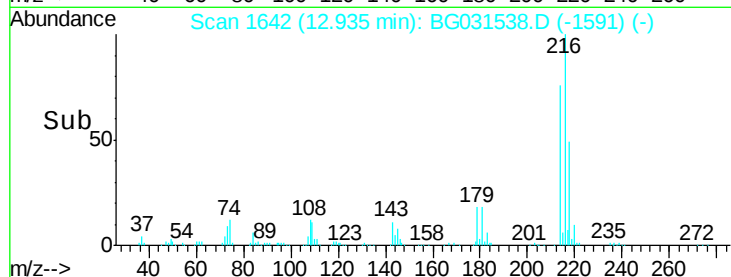
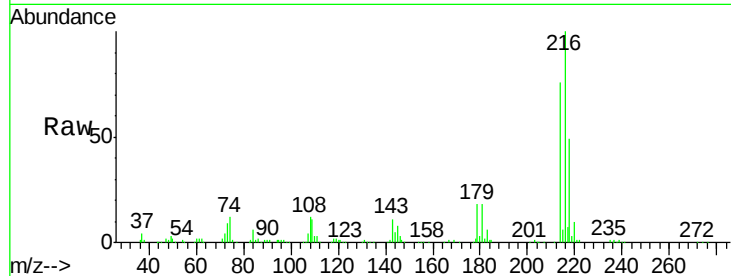
Instrument :
 BNA_G
 ClientSampleId :
 OK-03-121217MS

Tot Ion	Ratio	Lower	Upper
216	100		
214	76.2	63.0	94.4
179	18.1	17.0	25.6
108	12.9	12.8	19.2

Manual Integrations
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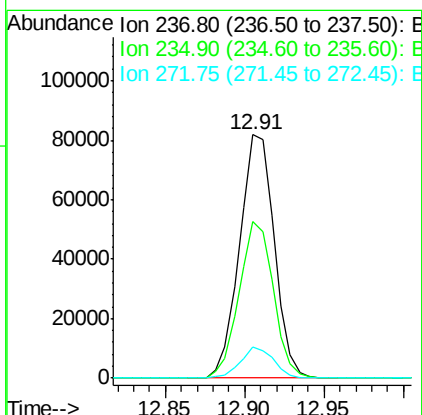
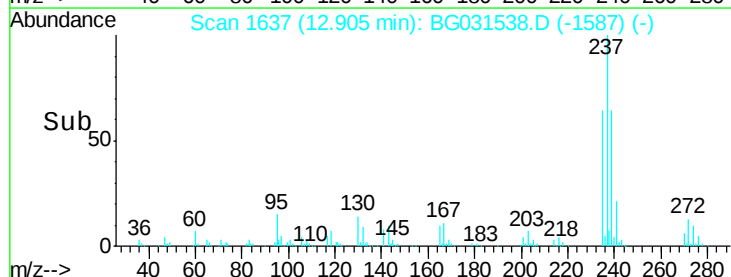
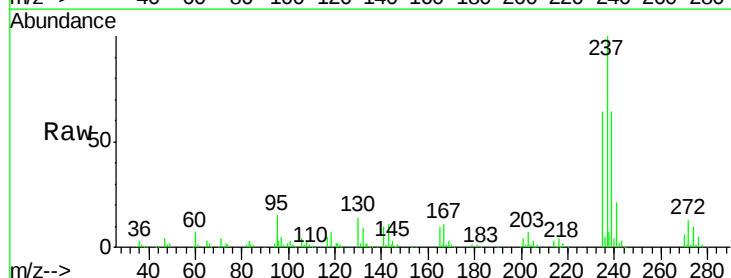
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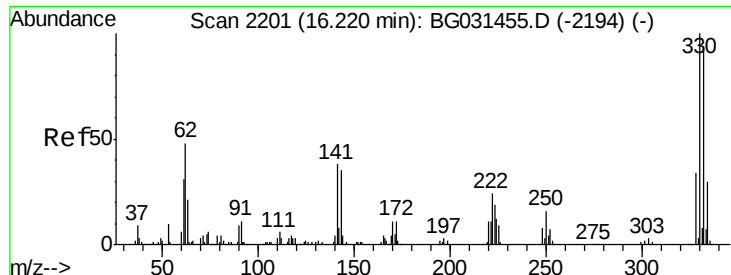
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#40
 Hexachlorocyclopentadiene
 Concen: 63.911 ng
 RT: 12.91 min Scan# 1637
 Delta R.T. -0.01 min
 Lab File: BG031538.D
 Acq: 13 Dec 2017 21:37

Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.2	50.4	90.4
272	12.6	0.0	31.8





#41
 2,4,6-Tribromophenol
 Concen: 174.812 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BG031538.D
 Acq: 13 Dec 2017 21:37

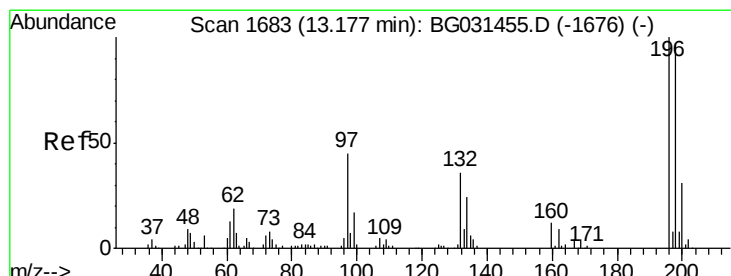
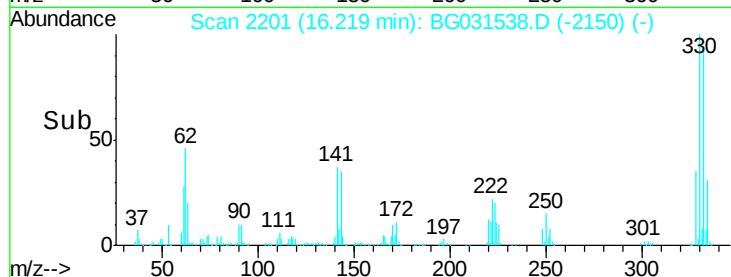
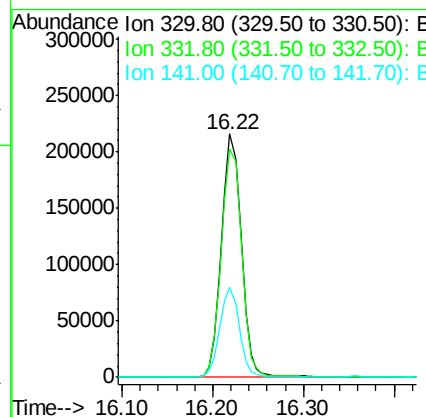
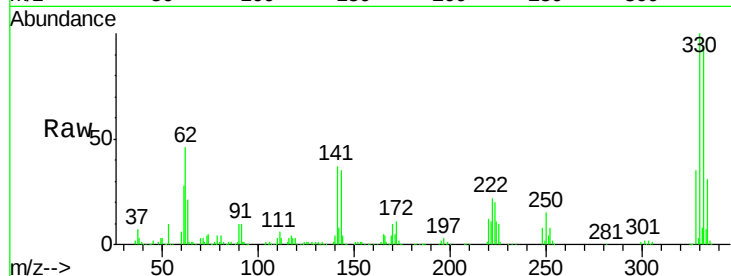
Instrument :
 BNA_G
 ClientSampleId :
 OK-03-121217MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.6	77.0	115.6	
141	36.2	25.2	37.8	

Manual Integrations
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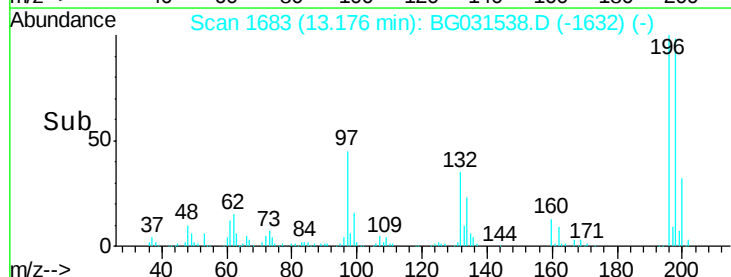
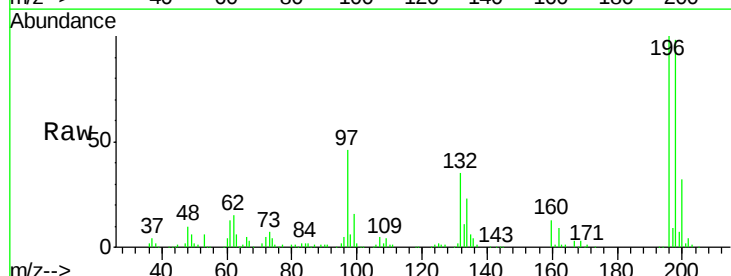
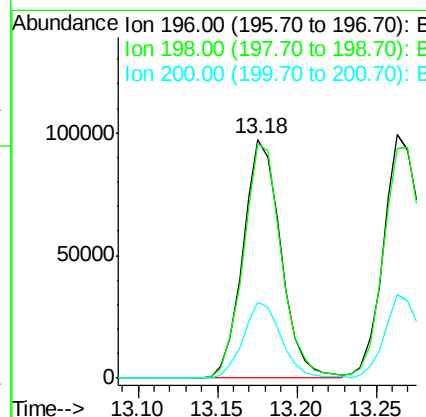
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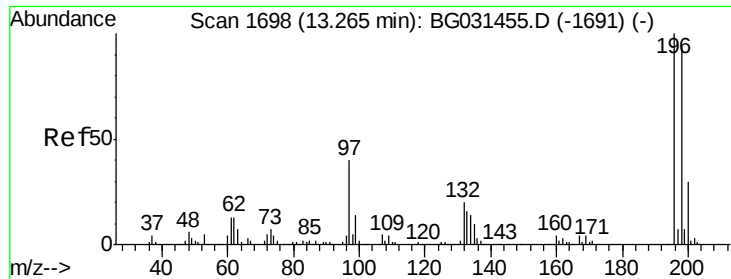
12/15/2017 7:48:00 PM



#42
 2,4,6-Trichlorophenol
 Concen: 49.989 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: BG031538.D
 Acq: 13 Dec 2017 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	98.5	78.2	117.2	
200	31.7	24.6	36.8	





#43
2,4,5-Trichlorophenol
Concen: 51.773 ng
RT: 13.26 min Scan# 1698
Delta R.T. -0.00 min
Lab File: BG031538.D
Acq: 13 Dec 2017 21:37

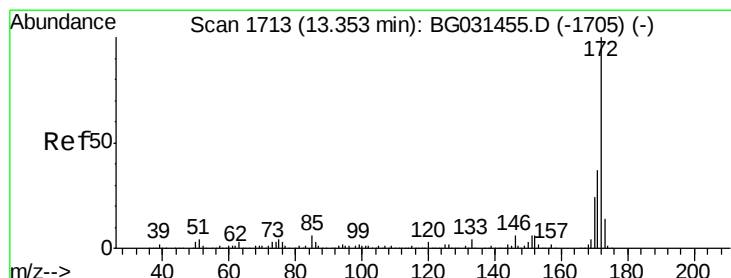
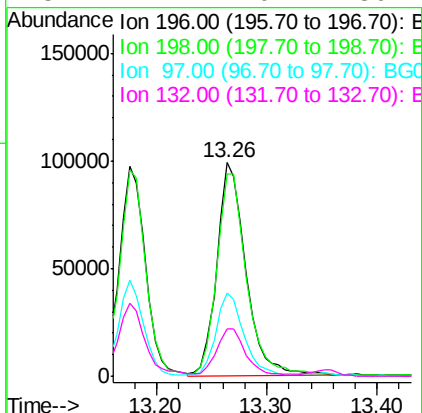
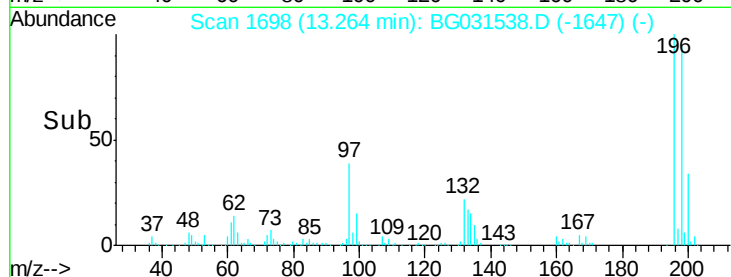
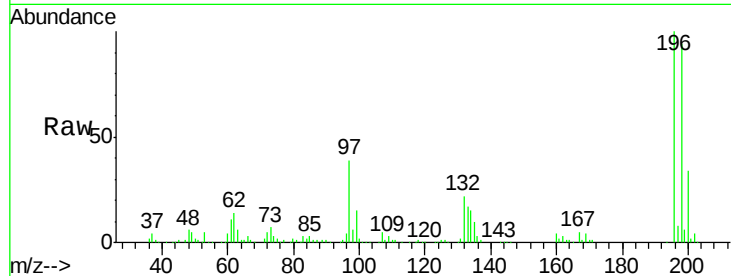
Instrument :
BNA_G
ClientSampleId :
OK-03-121217MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		179825		
198	94.5	76.2	114.4		
97	39.1	38.7	58.1		
132	22.1	20.2	30.2		

Manual Integrations
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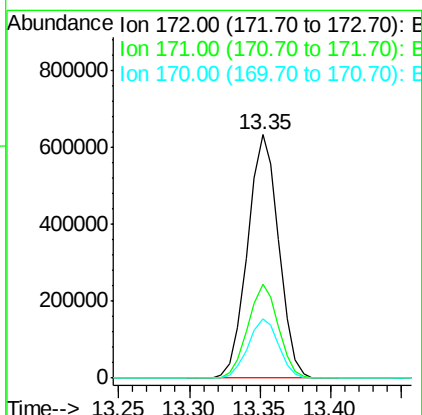
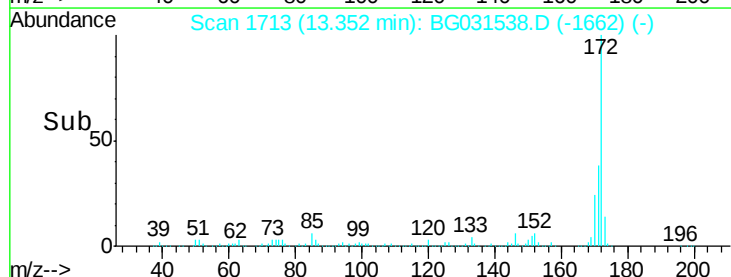
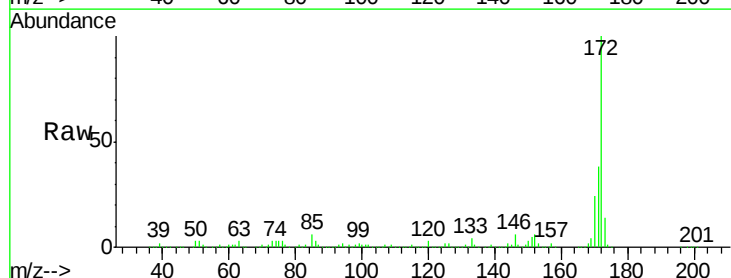
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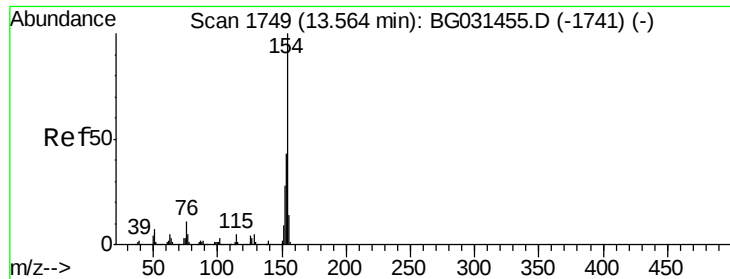
12/15/2017 7:48:00 PM



#44
2-Fluorobiphenyl
Concen: 88.818 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: BG031538.D
Acq: 13 Dec 2017 21:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		977098		
171	38.4	30.0	45.0		
170	24.4	19.5	29.3		





#45
1,1'-Biphenyl
Concen: 40.549 ng
RT: 13.56 min Scan# 1749
Delta R.T. -0.00 min
Lab File: BG031538.D
Acq: 13 Dec 2017 21:37

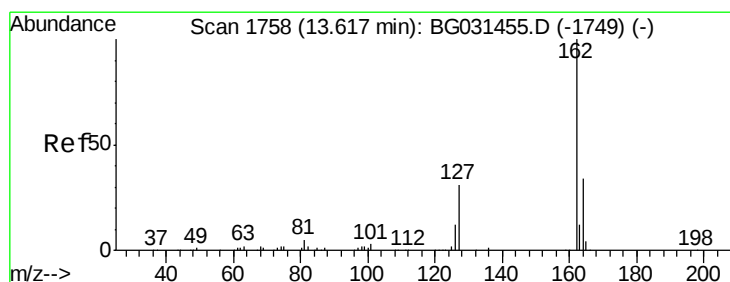
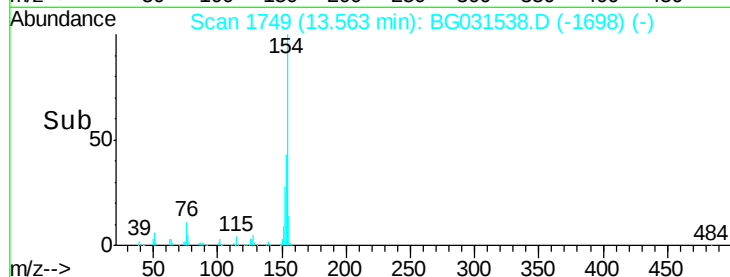
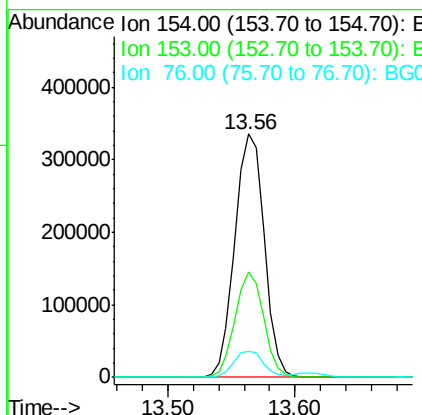
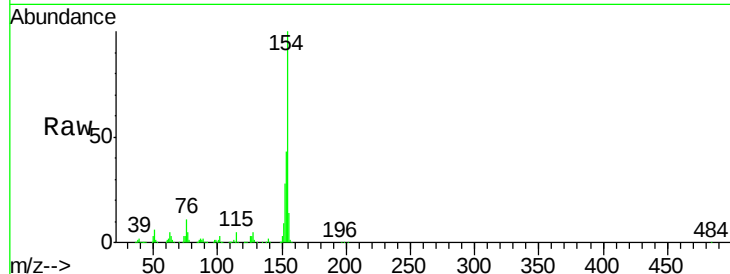
Instrument :
BNA_G
ClientSampleId :
OK-03-121217MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	43.4	19.8	59.8
76	10.8	0.0	31.9

Manual Integrations
APPROVED

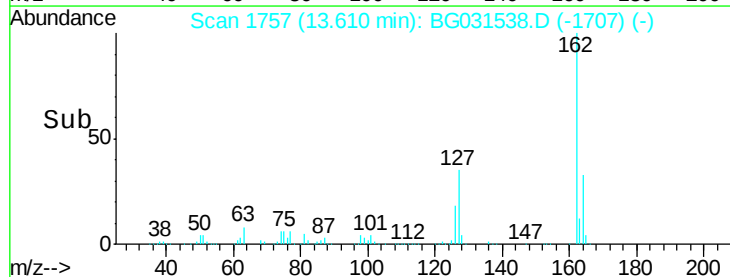
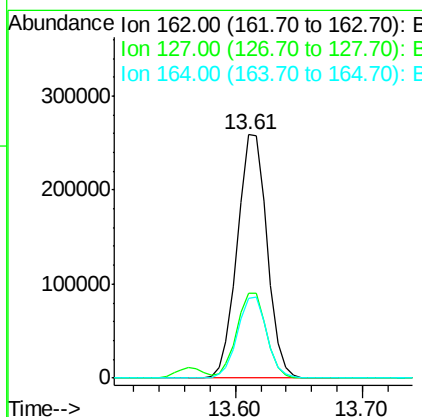
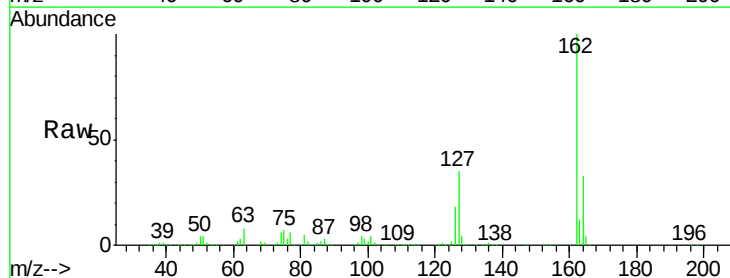
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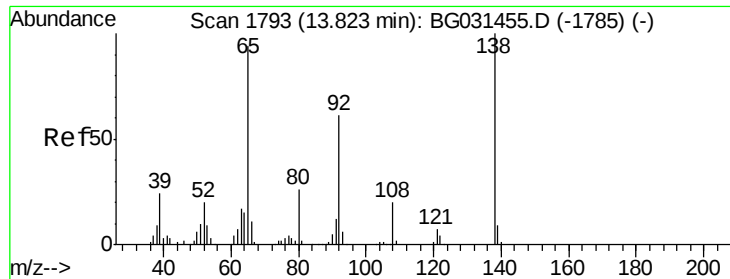
12/15/2017 7:48:00 PM



#46
2-Chloronaphthalene
Concen: 43.287 ng
RT: 13.61 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BG031538.D
Acq: 13 Dec 2017 21:37

Tgt Ion	Ratio	Lower	Upper
162	100		
127	34.8	30.7	46.1
164	32.9	26.0	39.0





#47

2-Nitroaniline

Concen: 44.370 ng

RT: 13.82 min Scan# 1793

Delta R.T. -0.00 min

Lab File: BG031538.D

Acq: 13 Dec 2017 21:37

Instrument :

BNA_G

ClientSampleId :

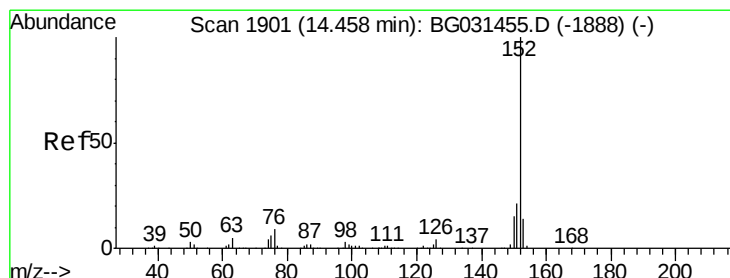
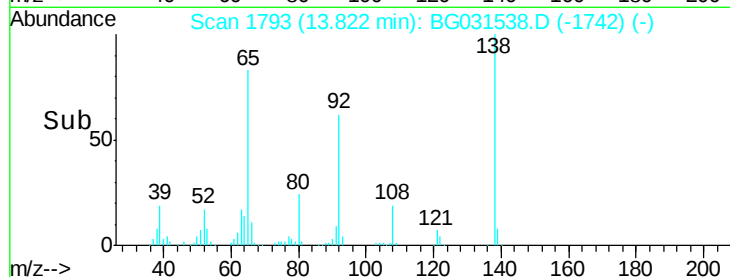
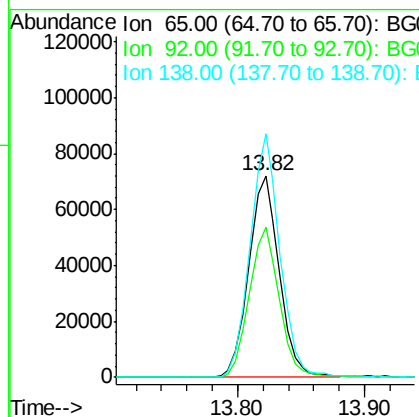
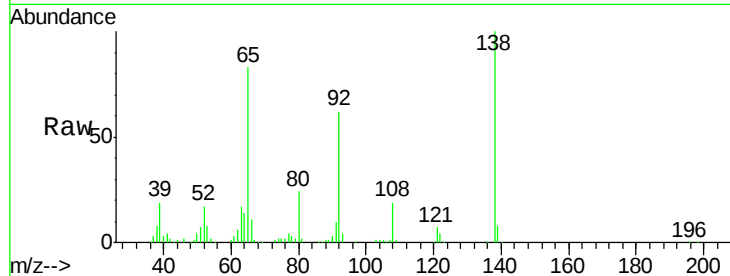
OK-03-121217MS

Tot Ion:	65	Resp:	121034
Ion Ratio	Lower	Upper	
65	100		
92	74.8	54.6	82.0
138	120.8	72.9	109.3#

Manual Integrations
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#48

Acenaphthylene

Concen: 42.072 ng

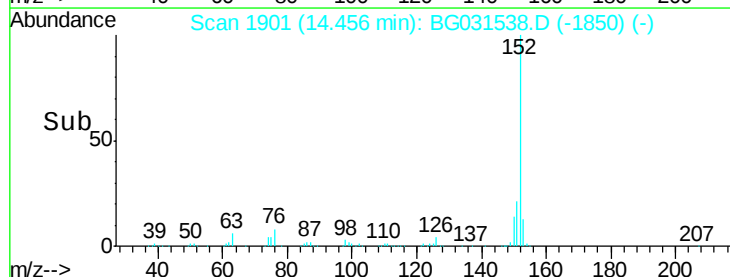
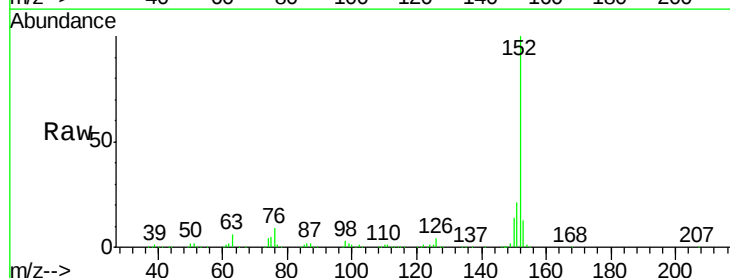
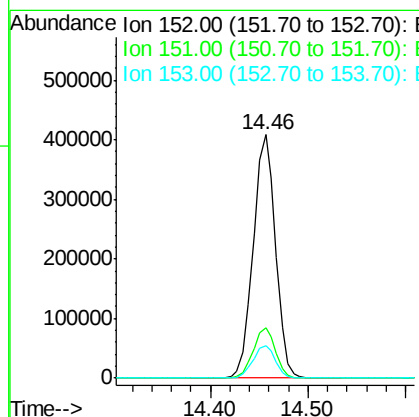
RT: 14.46 min Scan# 1901

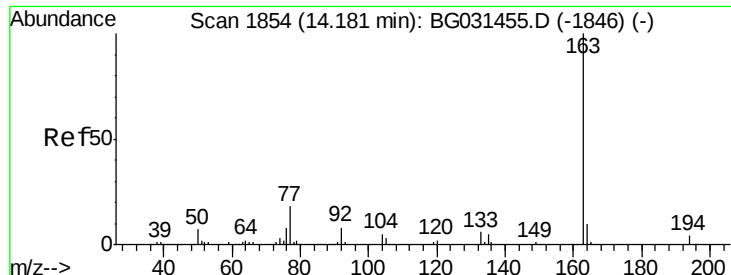
Delta R.T. -0.00 min

Lab File: BG031538.D

Acq: 13 Dec 2017 21:37

Tgt Ion:	152	Resp:	657160
Ion Ratio	Lower	Upper	
152	100		
151	20.6	17.2	25.8
153	13.5	10.2	15.4





#49
Dimethylphthalate
Concen: 46.839 ng
RT: 14.18 min Scan# 1854
Delta R.T. -0.00 min
Lab File: BG031538.D
Acq: 13 Dec 2017 21:37

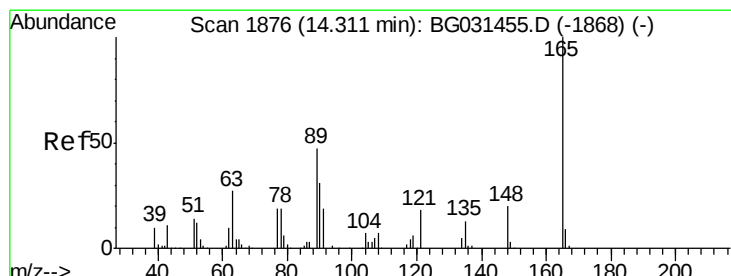
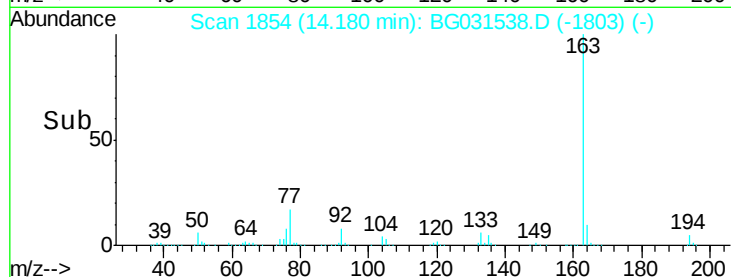
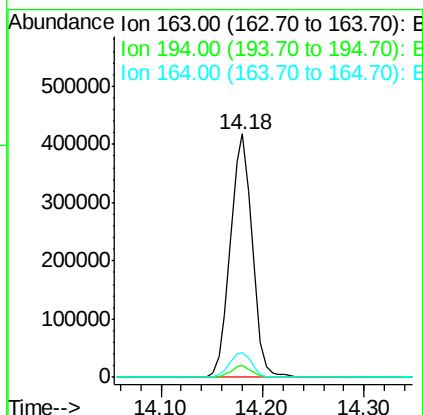
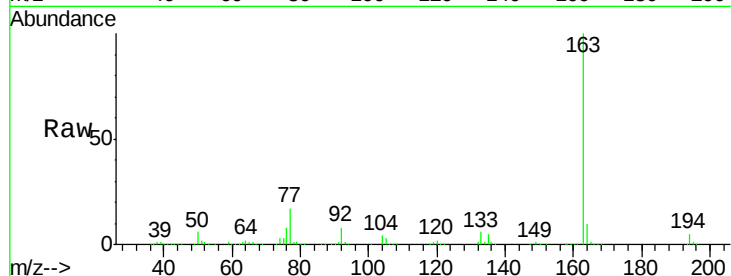
Instrument :
BNA_G
ClientSampleId :
OK-03-121217MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	626188		
194	4.7		3.4	5.2
164	10.2		8.2	12.4

Manual Integrations
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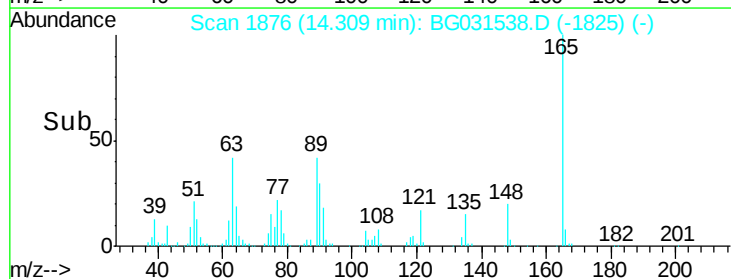
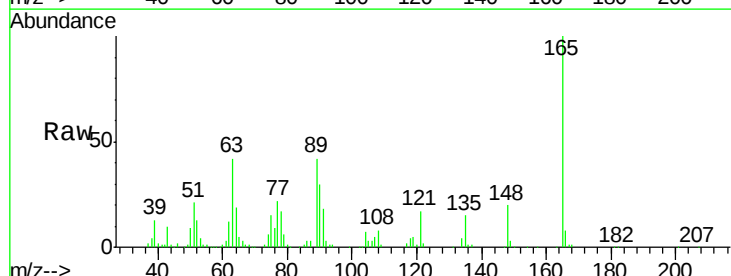
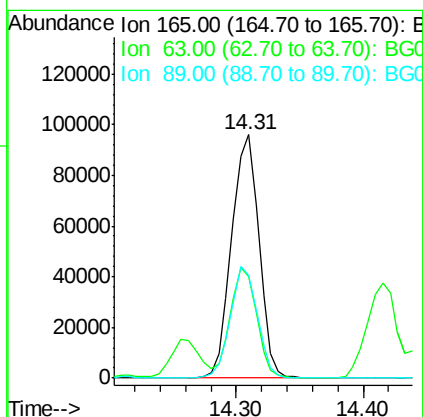
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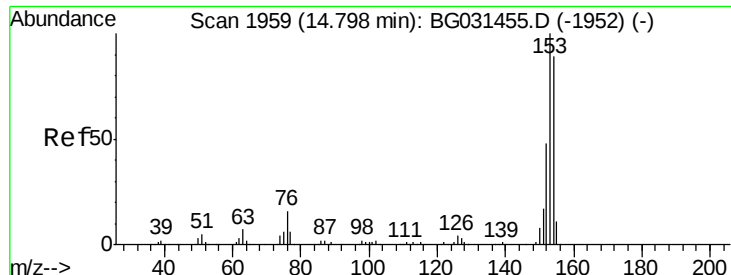
12/15/2017 7:48:00 PM



#50
2,6-Dinitrotoluene
Concen: 50.038 ng
RT: 14.31 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BG031538.D
Acq: 13 Dec 2017 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	142988		
63	41.9		52.7	79.1#
89	42.1		49.2	73.8#





#51

Acenaphthene

Concen: 41.770 ng

RT: 14.80 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BG031538.D

Acq: 13 Dec 2017 21:37

Instrument :

BNA_G

ClientSampleId :

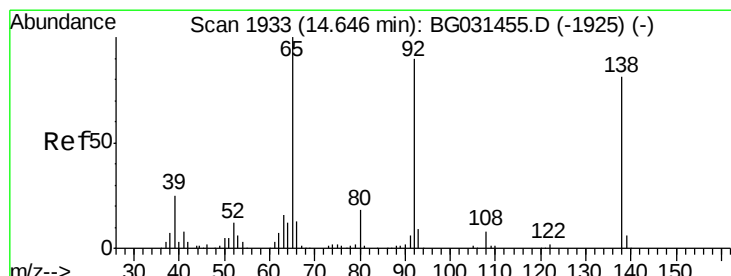
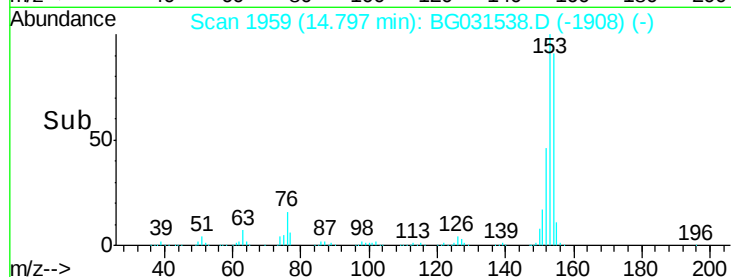
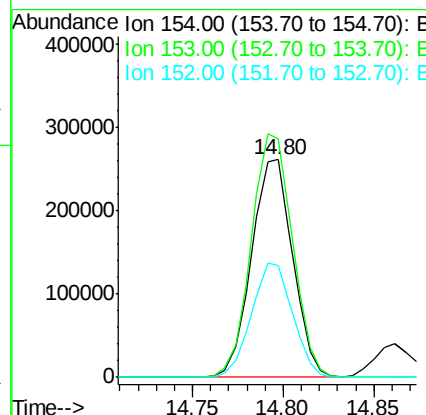
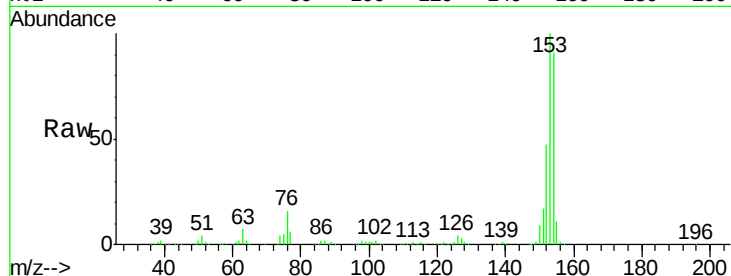
OK-03-121217MS

Tot Ion:	154	Resp:	412548
Ion Ratio	Lower	Upper	
154	100		
153	109.6	90.4	135.6
152	51.0	41.6	62.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 5.961 ng

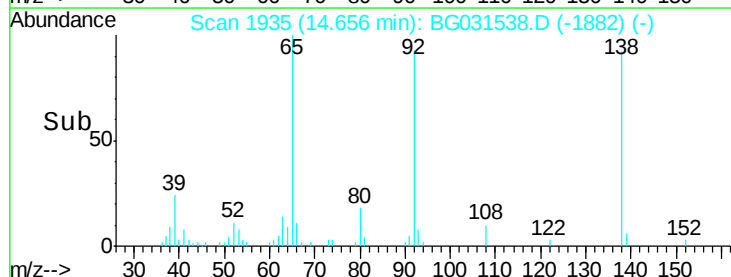
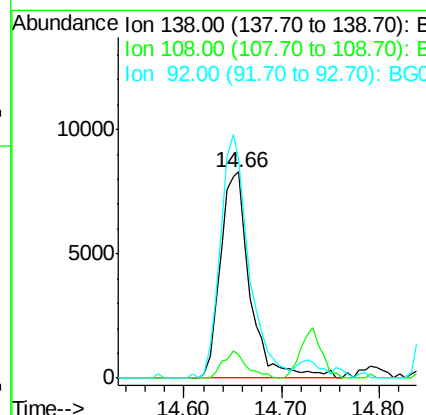
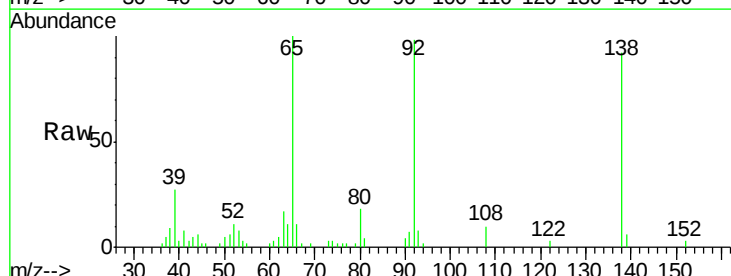
RT: 14.66 min Scan# 1935

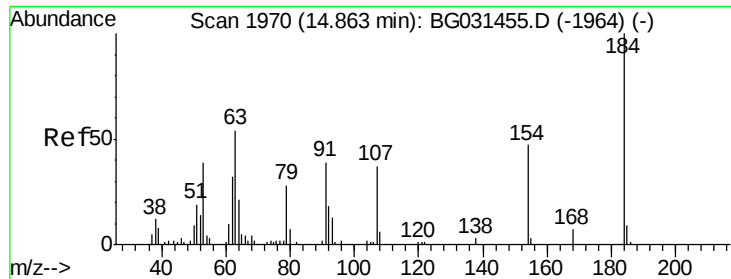
Delta R.T. 0.01 min

Lab File: BG031538.D

Acq: 13 Dec 2017 21:37

Tgt Ion:	138	Resp:	17363
Ion Ratio	Lower	Upper	
138	100		
108	11.1	17.5	26.3#
92	106.1	105.8	158.8





#53
2,4-Dinitrophenol
Concen: 101.762 ng
RT: 14.86 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG031538.D
Acq: 13 Dec 2017 21:37

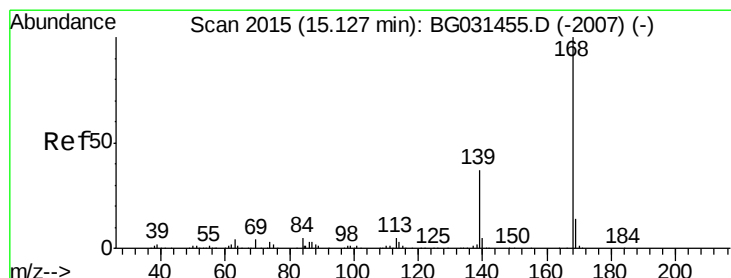
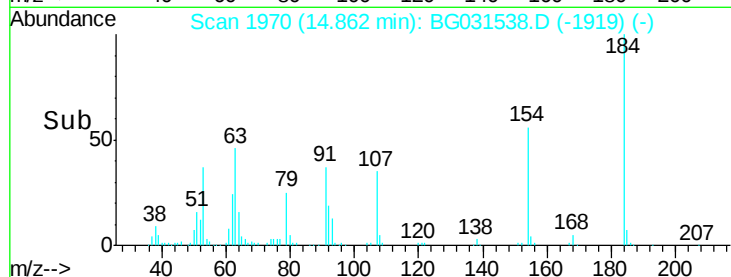
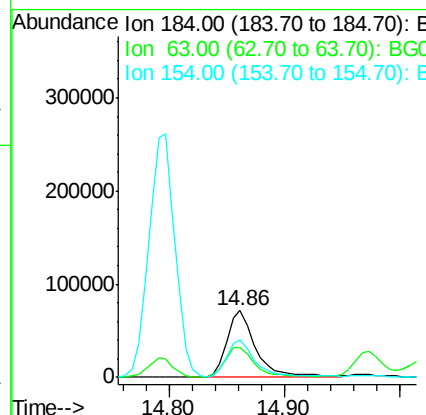
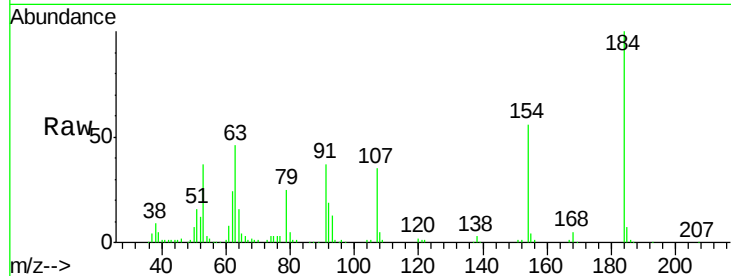
Instrument :
BNA_G
ClientSampleId :
OK-03-121217MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	45.5	59.8	89.8#
154	55.9	101.8	152.8#

Manual Integrations
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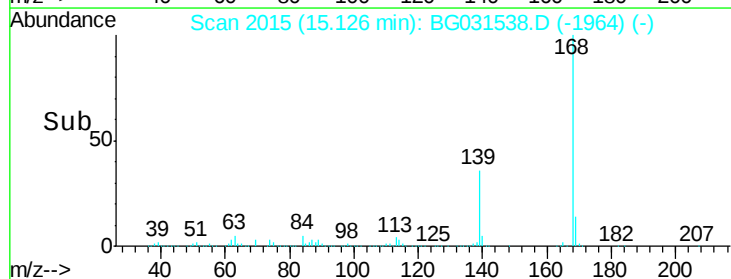
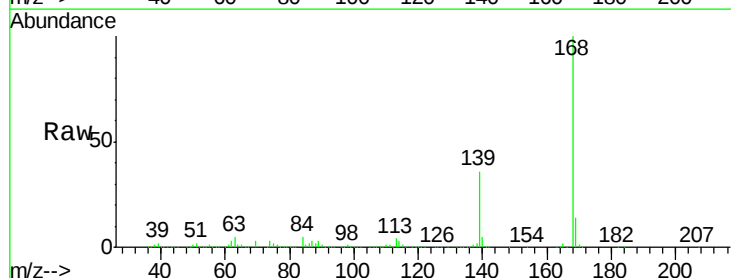
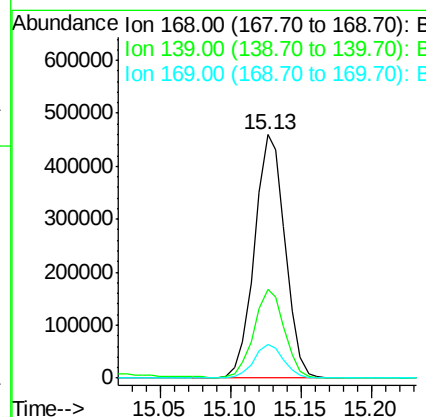
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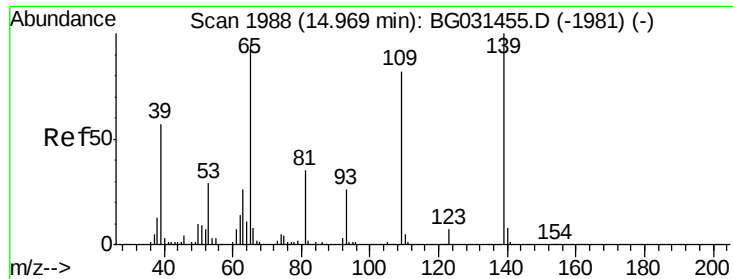
12/15/2017 7:48:00 PM



#54
Dibenzofuran
Concen: 44.292 ng
RT: 15.13 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BG031538.D
Acq: 13 Dec 2017 21:37

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.2	28.6	43.0
169	13.7	11.2	16.8





#55
4-Nitrophenol
Concen: 99.995 ng
RT: 14.97 min Scan# 1989
Delta R.T. 0.01 min
Lab File: BG031538.D
Acq: 13 Dec 2017 21:37

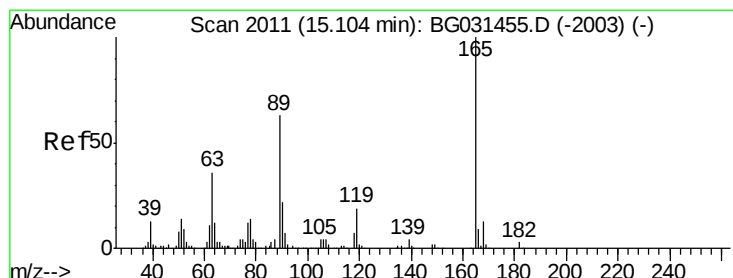
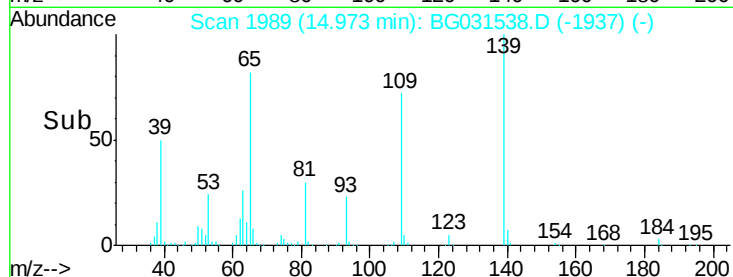
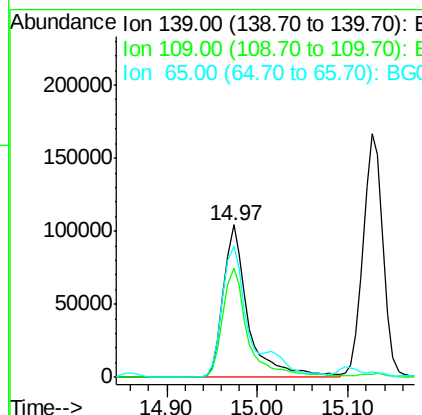
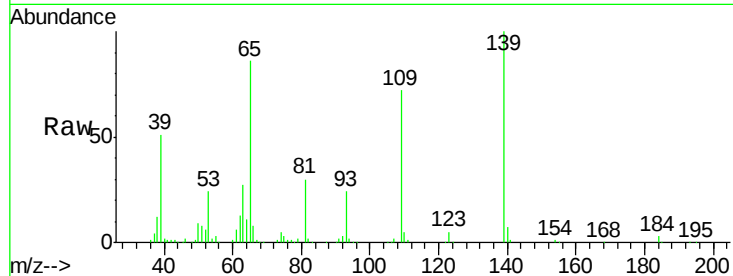
Instrument :
BNA_G
ClientSampleId :
OK-03-121217MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	198642		
109	71.7	62.2	102.2	
65	86.1	97.2	137.2#	

Manual Integrations
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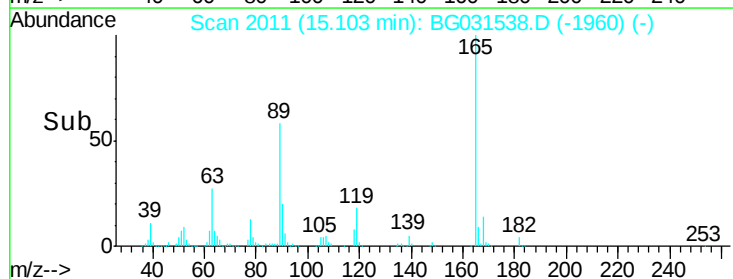
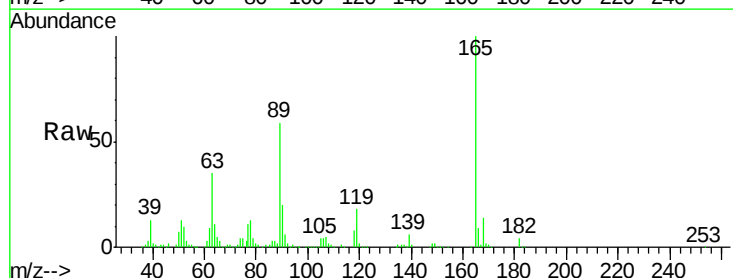
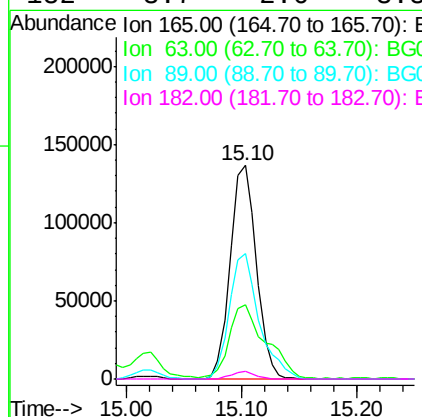
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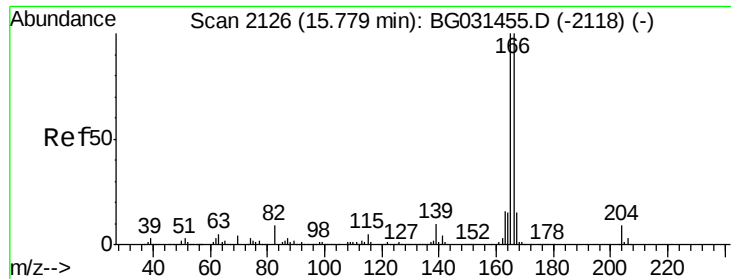
12/15/2017 7:48:00 PM



#56
2,4-Dinitrotoluene
Concen: 52.896 ng
RT: 15.10 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG031538.D
Acq: 13 Dec 2017 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	214689		
63	34.9	42.0	63.0#	
89	58.9	66.9	100.3#	
182	3.7	2.6	3.8	





#57
 Fluorene
 Concen: 45.806 ng
 RT: 15.78 min Scan# 2126
 Delta R.T. -0.00 min
 Lab File: BG031538.D
 Acq: 13 Dec 2017 21:37

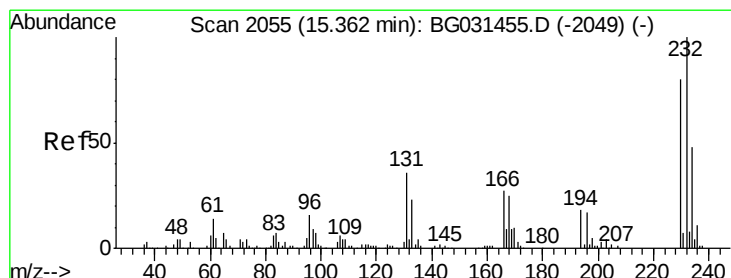
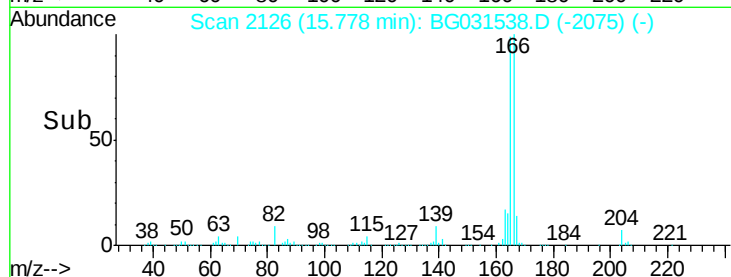
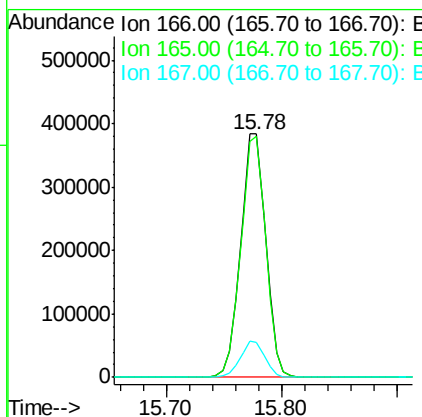
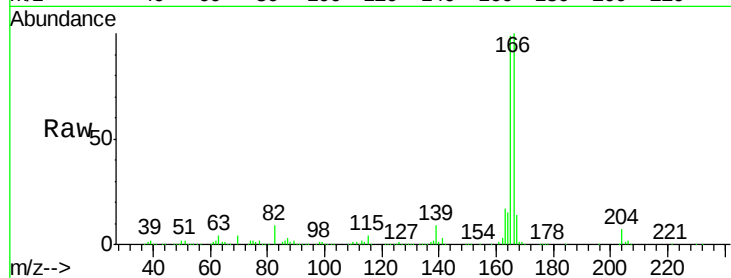
Instrument :
 BNA_G
 ClientSampleId :
 OK-03-121217MS

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.1	80.6	121.0
167	14.1	10.4	15.6

Manual Integrations
 APPROVED

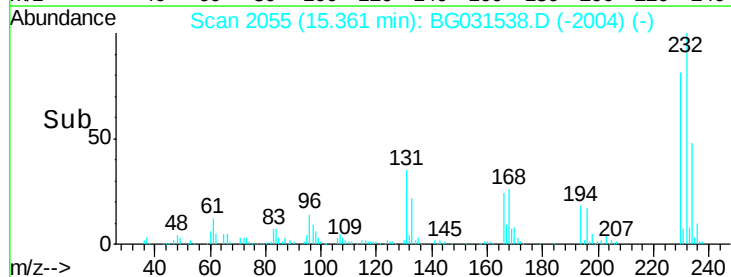
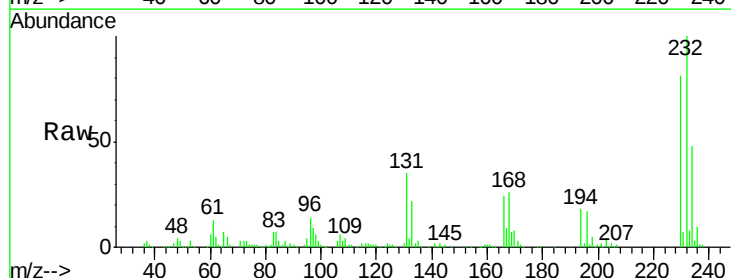
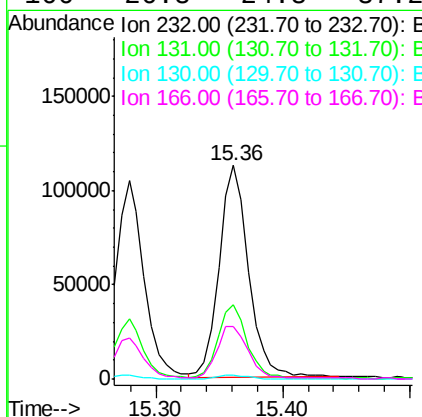
Sohil
 12/15/2017 7:48:00 PM

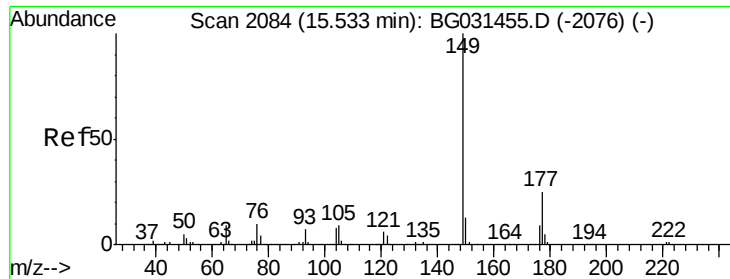
12/15/2017 7:48:00 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 55.765 ng
 RT: 15.36 min Scan# 2055
 Delta R.T. -0.00 min
 Lab File: BG031538.D
 Acq: 13 Dec 2017 21:37

Tgt Ion	Ratio	Lower	Upper
232	100		
131	35.3	33.5	50.3
130	1.9	2.2	3.2#
166	26.8	24.8	37.2





#59
Diethylphthalate
Concen: 48.059 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.00 min
Lab File: BG031538.D
Acq: 13 Dec 2017 21:37

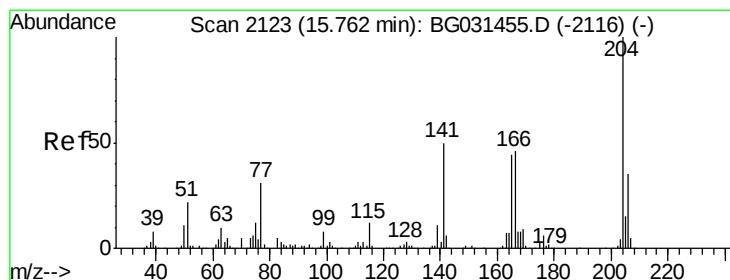
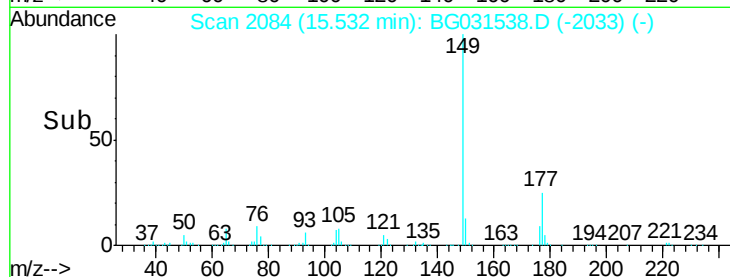
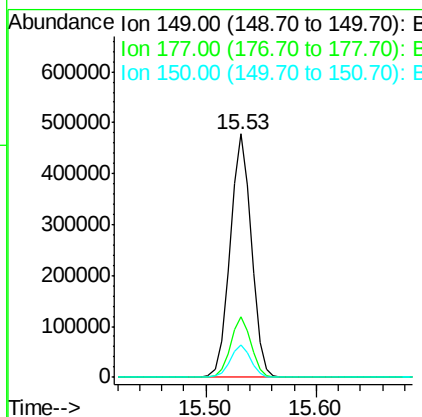
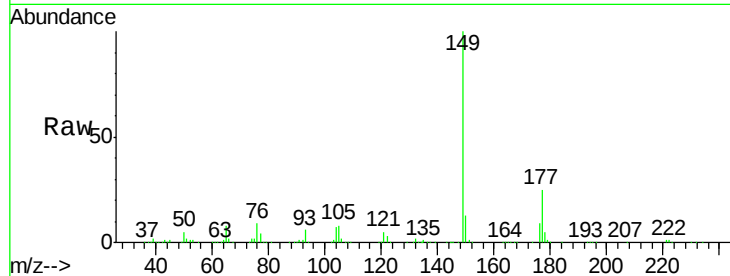
Instrument :
BNA_G
ClientSampleId :
OK-03-121217MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.7	18.5	27.7
150	13.1	10.2	15.2

Manual Integrations
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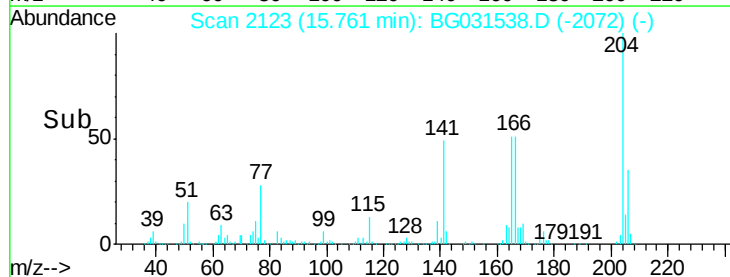
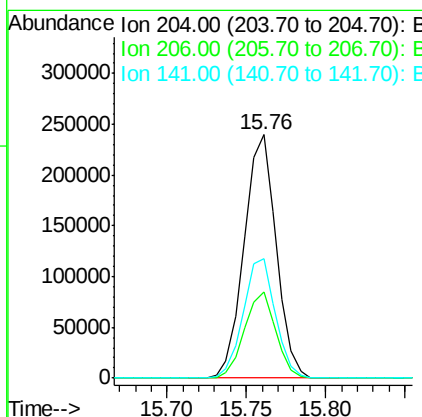
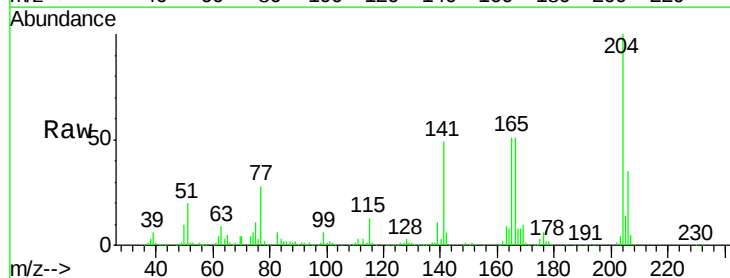
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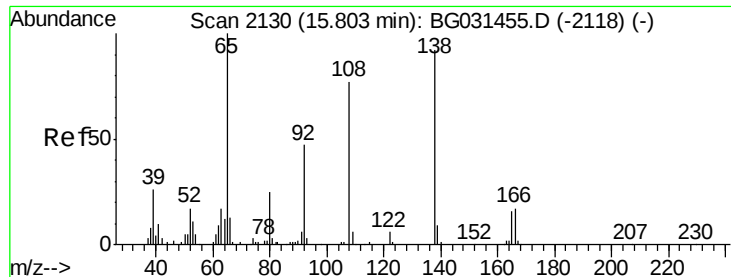
12/15/2017 7:48:00 PM



#60
4-Chlorophenyl-phenylether
Concen: 43.565 ng
RT: 15.76 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BG031538.D
Acq: 13 Dec 2017 21:37

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.2	26.2	39.2
141	48.9	45.8	68.6





#61
4-Nitroaniline
Concen: 39.490 ng
RT: 15.81 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG031538.D
Acq: 13 Dec 2017 21:37

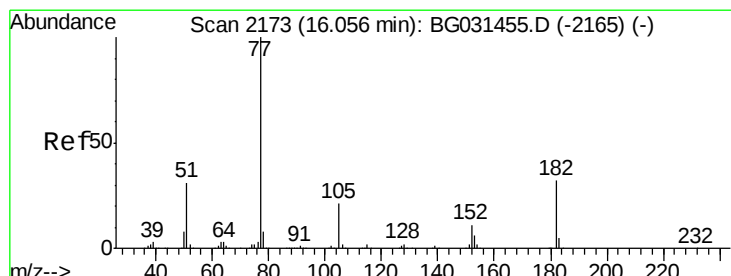
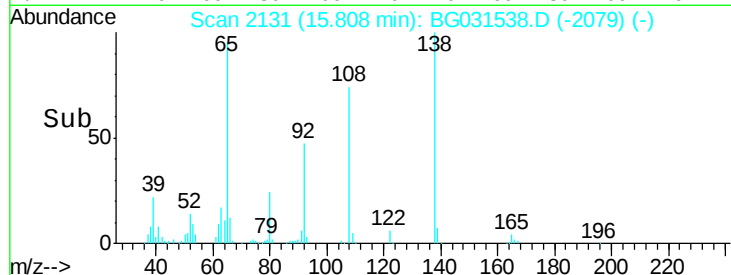
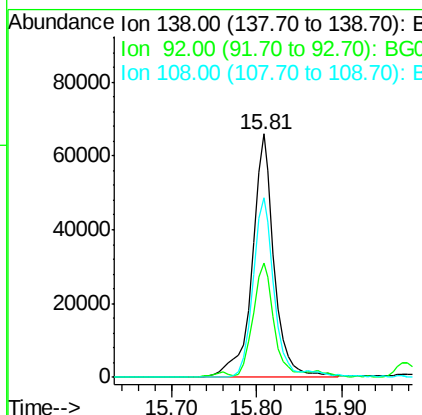
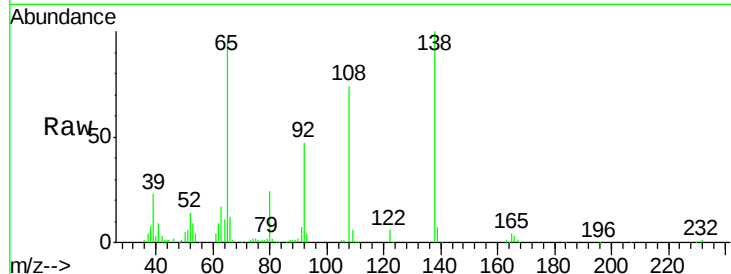
Instrument :
BNA_G
ClientSampleId :
OK-03-121217MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.8	40.1	80.1
108	73.9	65.4	105.4

Manual Integrations
APPROVED

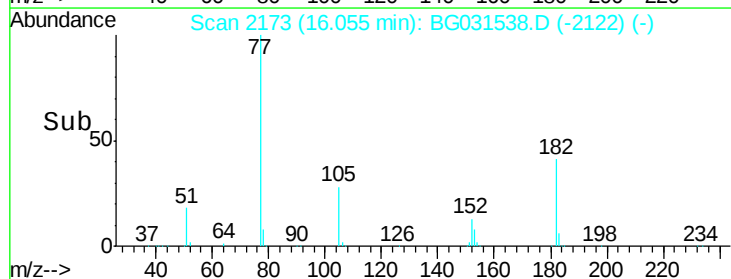
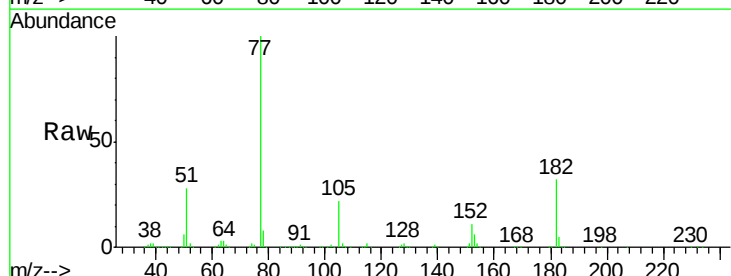
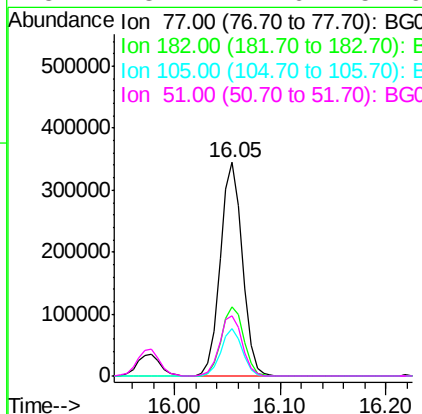
Sohil
12/15/2017 7:48:00 PM

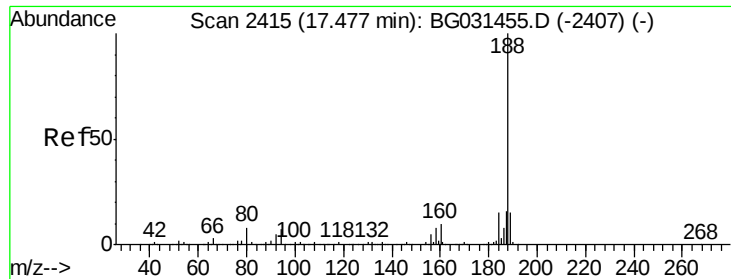
12/15/2017 7:48:00 PM



#62
Azobenzene
Concen: 45.079 ng
RT: 16.05 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BG031538.D
Acq: 13 Dec 2017 21:37

Tgt Ion	Ratio	Lower	Upper
77	100		
182	32.4	7.4	47.4
105	22.2	0.3	40.3
51	28.4	11.6	51.6





#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG031538.D
Acq: 13 Dec 2017 21:37

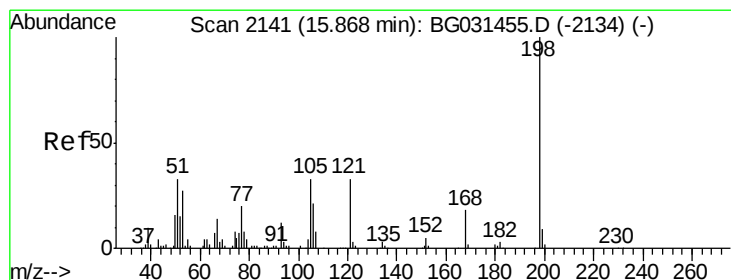
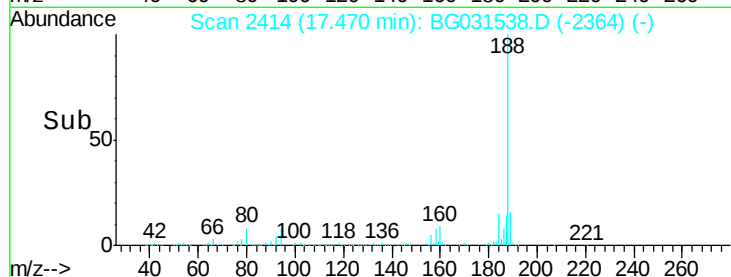
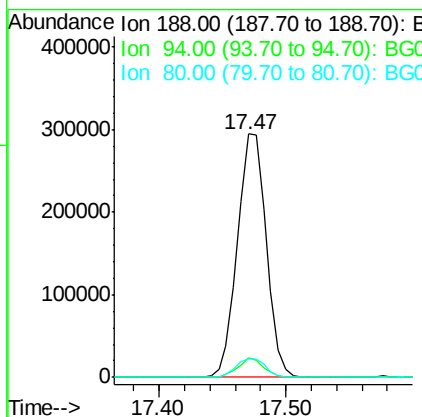
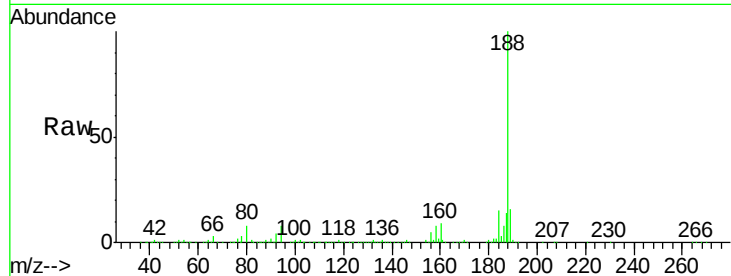
Instrument :
BNA_G
ClientSampleId :
OK-03-121217MS

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

Manual Integrations
APPROVED

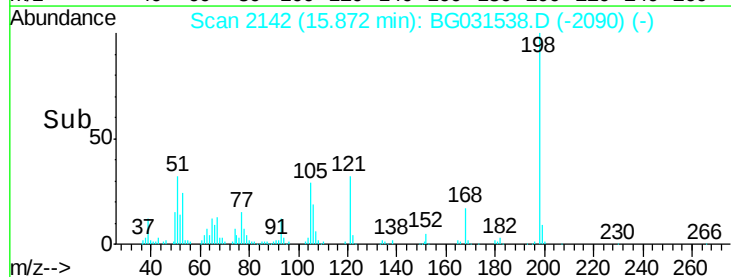
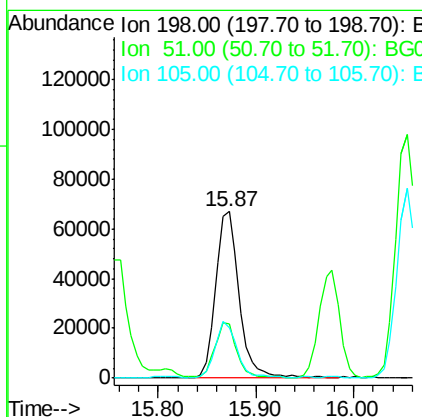
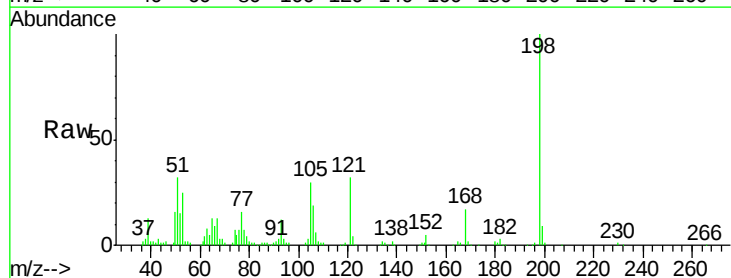
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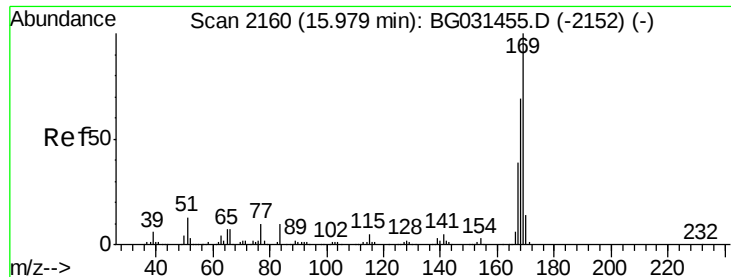
12/15/2017 7:48:00 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 40.738 ng
RT: 15.87 min Scan# 2142
Delta R.T. 0.01 min
Lab File: BG031538.D
Acq: 13 Dec 2017 21:37

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	32.4	30.6	70.6
105	30.1	23.8	63.8





#65
 n-Nitrosodiphenylamine
 Concen: 39.704 ng
 RT: 15.98 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG031538.D
 Acq: 13 Dec 2017 21:37

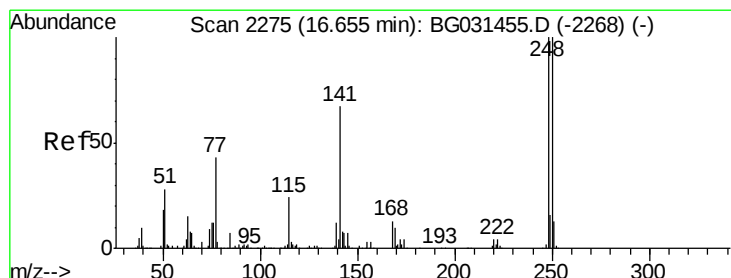
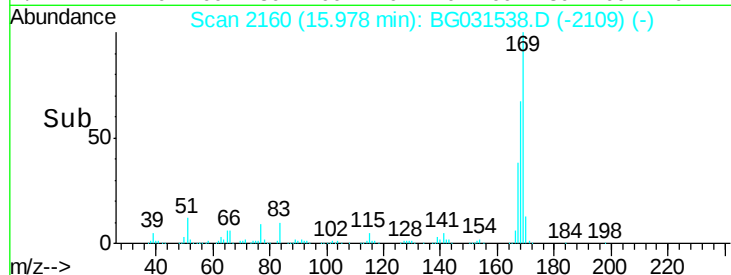
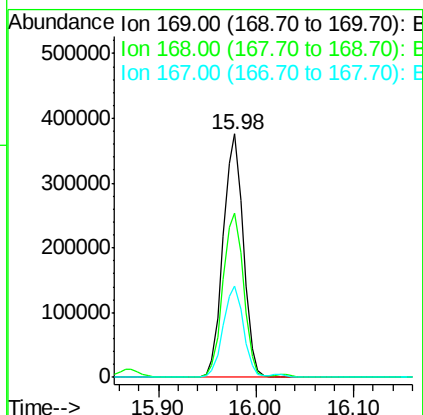
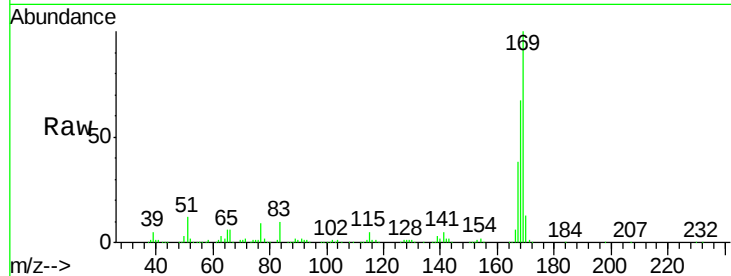
Instrument :
 BNA_G
 ClientSampleId :
 OK-03-121217MS

Tot Ion	Ion	Ratio	Lower	Upper
169	100			
168	67.5	55.7	83.5	
167	37.6	30.1	45.1	

Manual Integrations
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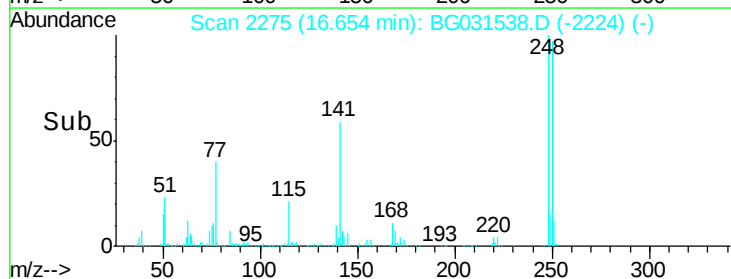
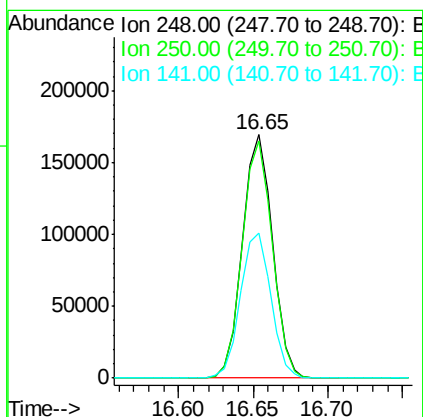
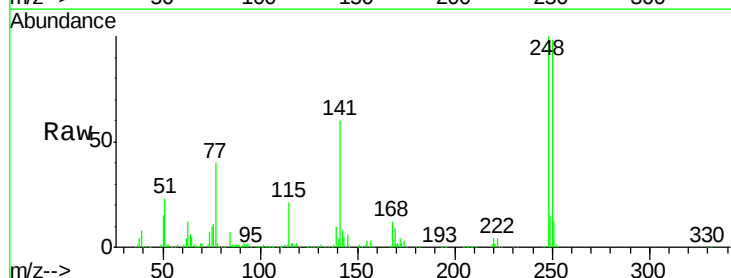
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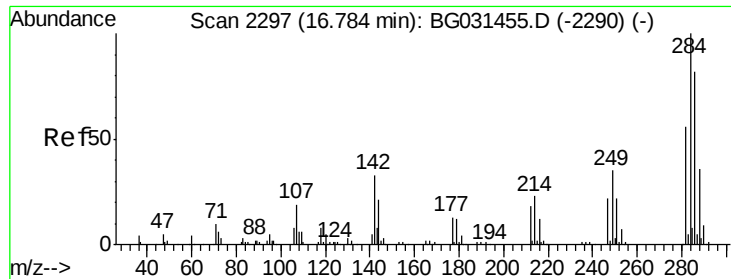
12/15/2017 7:48:00 PM



#66
 4-Bromophenyl-phenylether
 Concen: 43.661 ng
 RT: 16.65 min Scan# 2275
 Delta R.T. -0.00 min
 Lab File: BG031538.D
 Acq: 13 Dec 2017 21:37

Tgt Ion	Ion	Ratio	Lower	Upper
248	100			
250	97.6	77.1	115.7	
141	59.8	50.8	76.2	





#67

Hexachlorobenzene

Concen: 43.121 ng

RT: 16.78 min Scan# 2297

Delta R.T. -0.00 min

Lab File: BG031538.D

Acq: 13 Dec 2017 21:37

Instrument :

BNA_G

ClientSampleId :

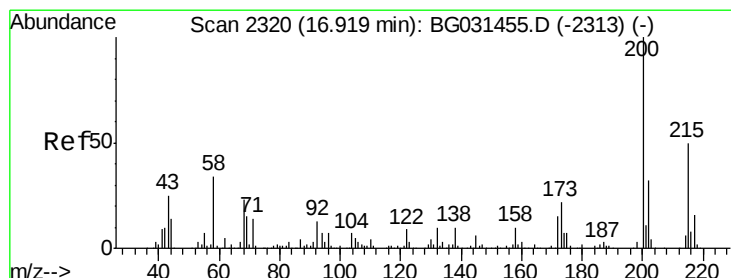
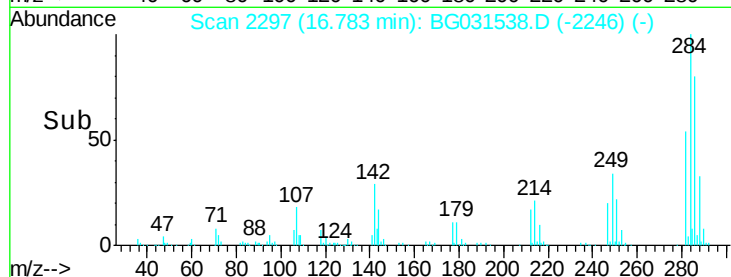
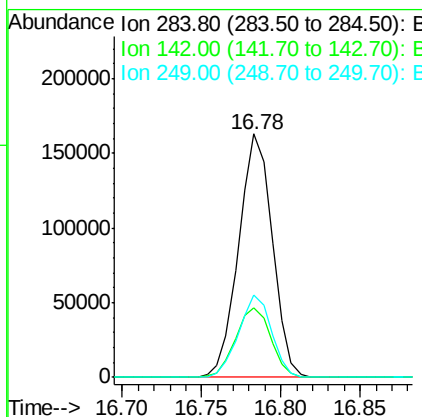
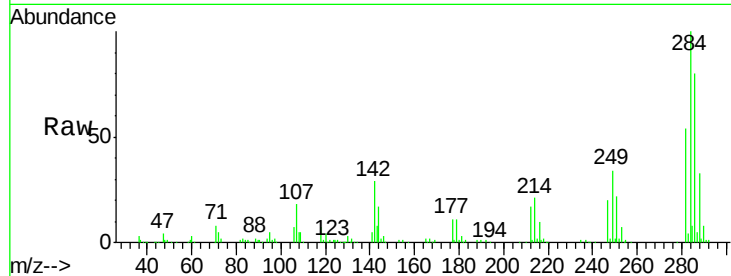
OK-03-121217MS

Tot Ion:	284	Resp:	240415
Ion Ratio		Lower	Upper
284	100		
142	28.8	26.8	40.2
249	33.8	26.3	39.5

Manual Integrations
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#68

Atrazine

Concen: 37.044 ng

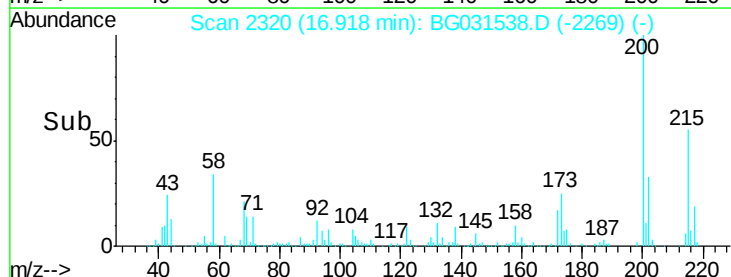
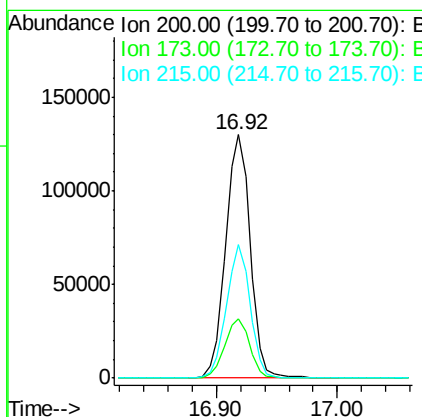
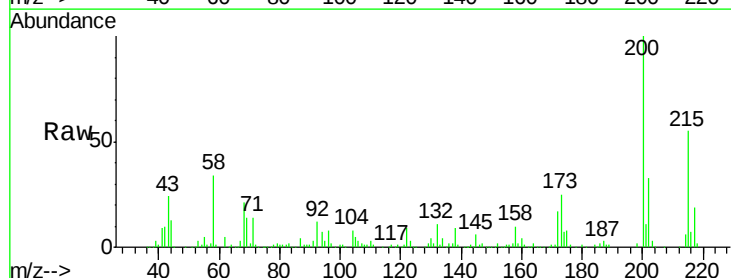
RT: 16.92 min Scan# 2320

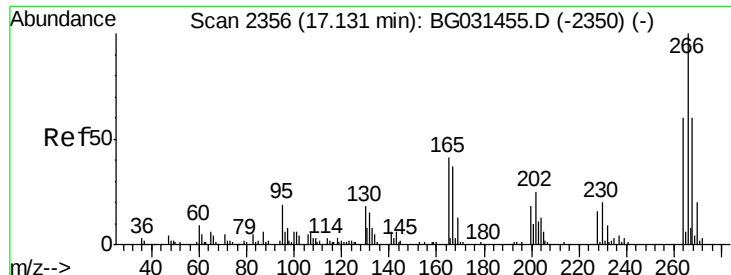
Delta R.T. -0.00 min

Lab File: BG031538.D

Acq: 13 Dec 2017 21:37

Tgt Ion:	200	Resp:	184085
Ion Ratio		Lower	Upper
200	100		
173	24.5	5.2	45.2
215	54.6	30.4	70.4





#69
 Pentachlorophenol
 Concen: 80.195 ng
 RT: 17.13 min Scan# 2356
 Delta R.T. -0.00 min
 Lab File: BG031538.D
 Acq: 13 Dec 2017 21:37

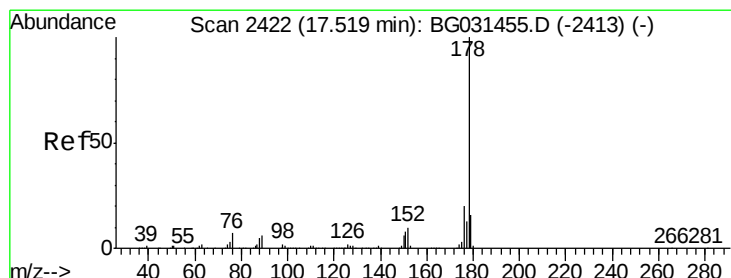
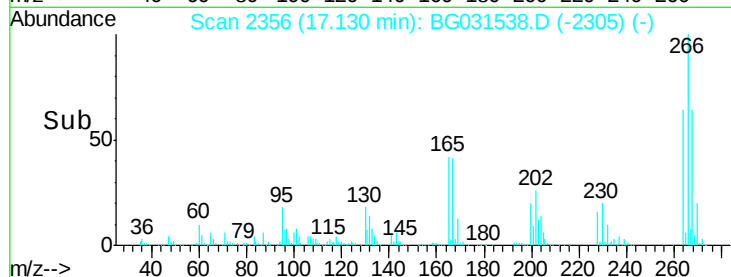
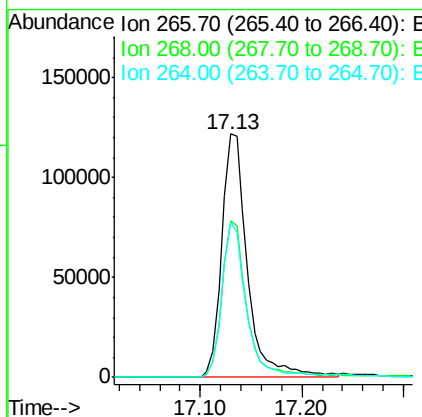
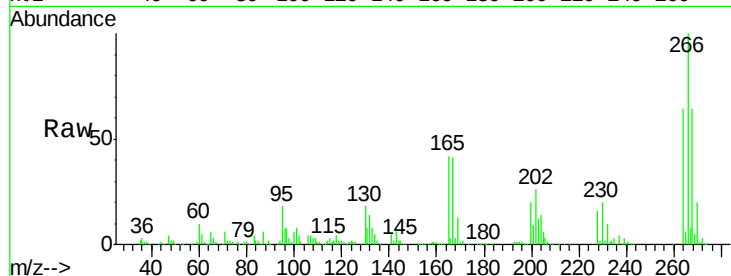
Instrument :
 BNA_G
 ClientSampleId :
 OK-03-121217MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.1	76.7
264	63.8	49.6	74.4

Manual Integrations
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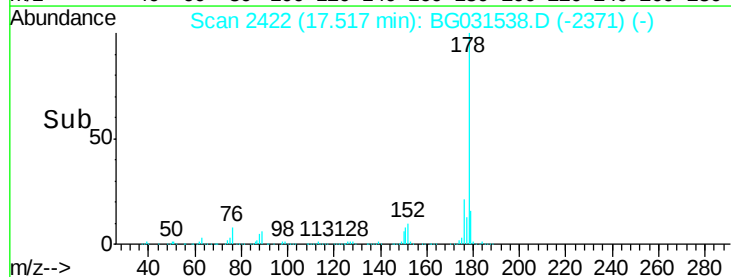
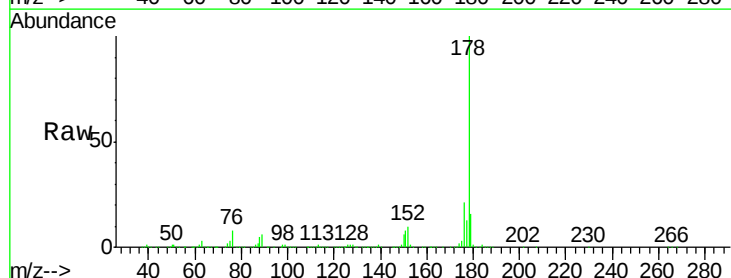
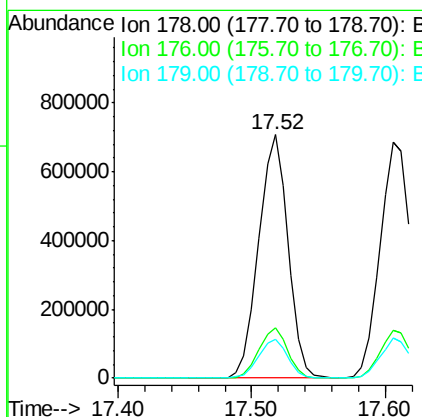
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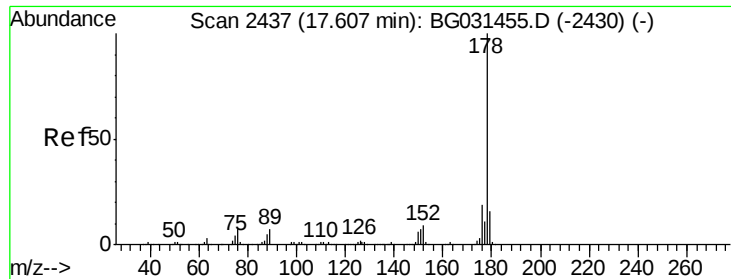
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#70
 Phenanthrene
 Concen: 44.111 ng
 RT: 17.52 min Scan# 2422
 Delta R.T. -0.00 min
 Lab File: BG031538.D
 Acq: 13 Dec 2017 21:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.7	23.5
179	16.0	12.5	18.7





#71
 Anthracene
 Concen: 45.669 ng
 RT: 17.61 min Scan# 2437
 Delta R.T. -0.00 min
 Lab File: BG031538.D
 Acq: 13 Dec 2017 21:37

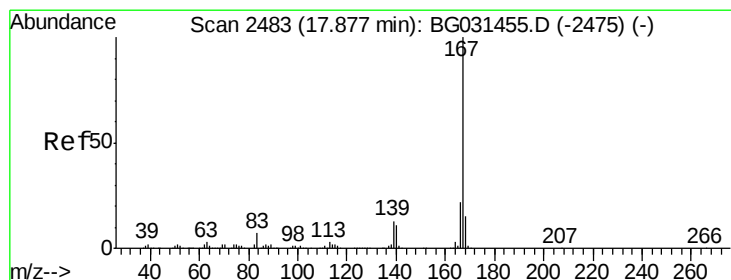
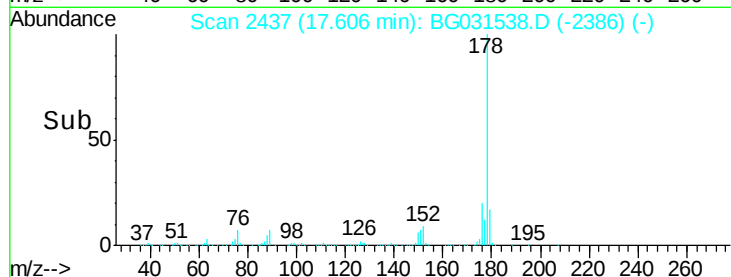
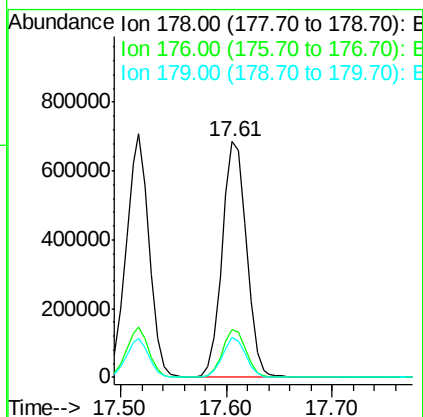
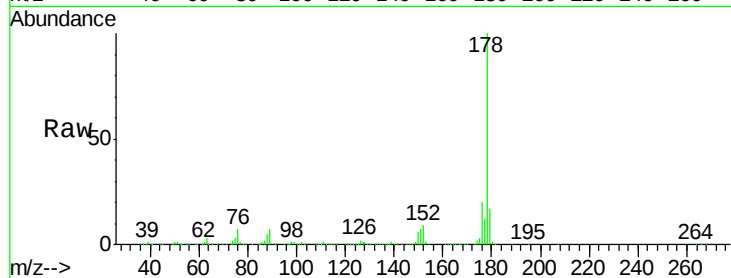
Instrument :
 BNA_G
 ClientSampleId :
 OK-03-121217MS

Tot Ion:178 Resp: 1095297
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.0 24.0
 179 16.8 12.5 18.7

Manual Integrations
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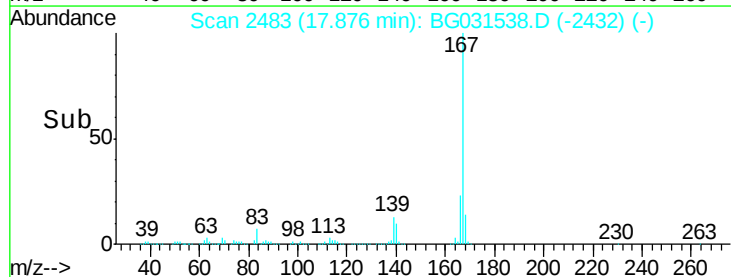
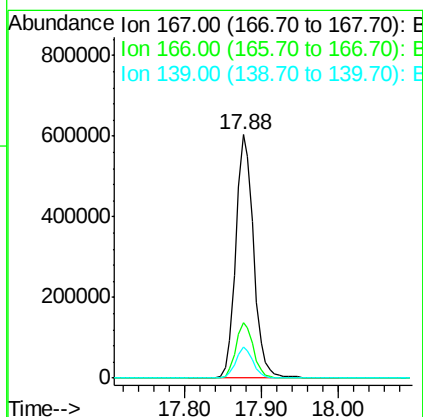
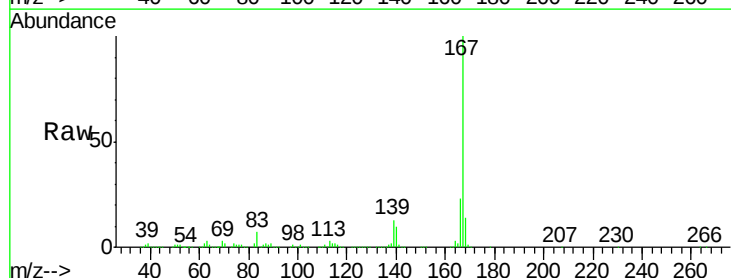
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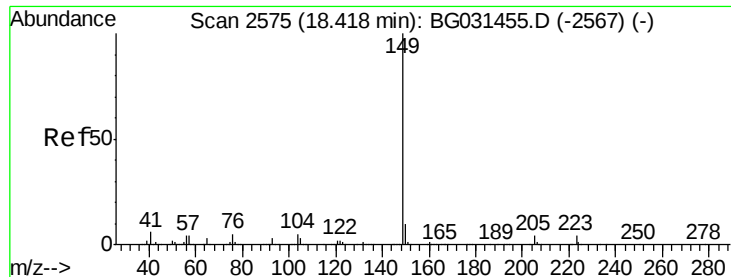
12/15/2017 7:48:00 PM



#72
 Carbazole
 Concen: 45.092 ng
 RT: 17.88 min Scan# 2483
 Delta R.T. -0.00 min
 Lab File: BG031538.D
 Acq: 13 Dec 2017 21:37

Tgt Ion:167 Resp: 978657
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.2 27.4
 139 12.7 9.4 14.2





#73
Di-n-butylphthalate
Concen: 48.087 ng
RT: 18.41 min Scan# 2574
Delta R.T. -0.01 min
Lab File: BG031538.D
Acq: 13 Dec 2017 21:37

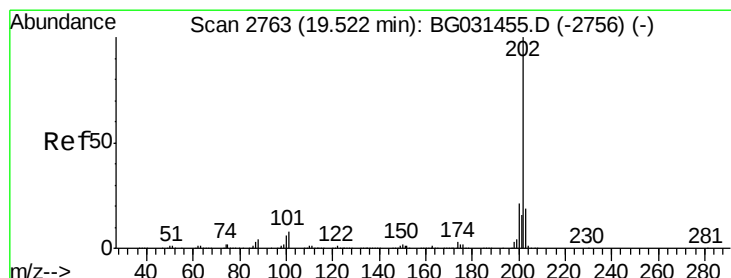
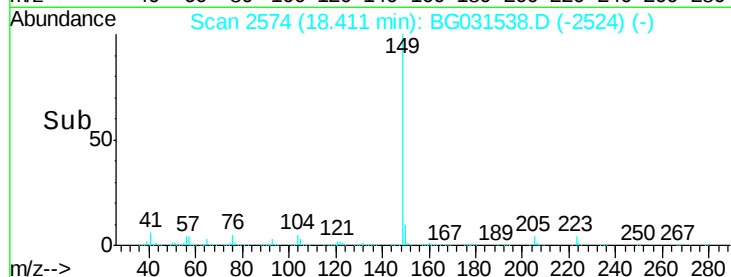
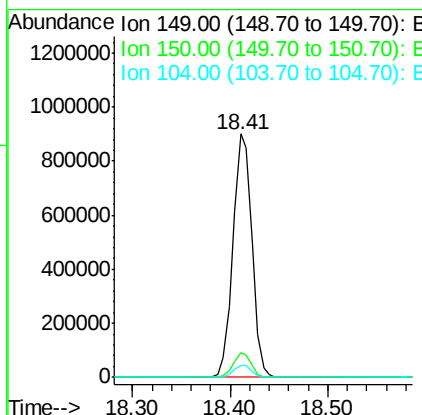
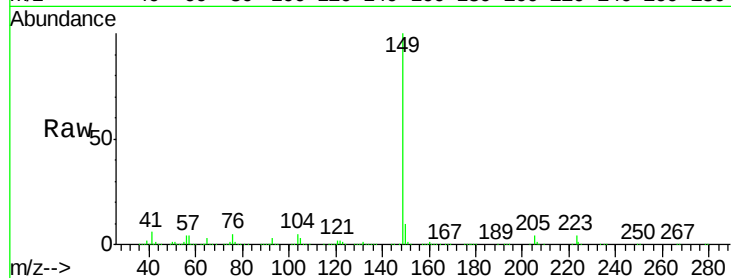
Instrument :
BNA_G
ClientSampleId :
OK-03-121217MS

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.8	11.6
104	4.9	3.9	5.9

Manual Integrations
APPROVED

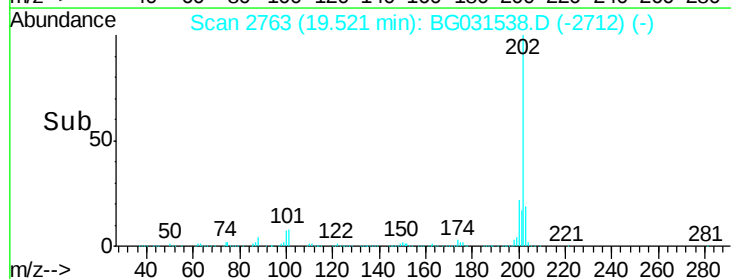
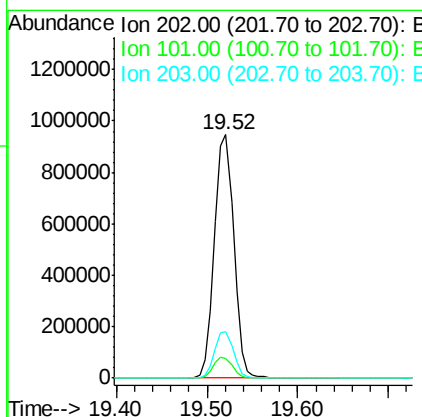
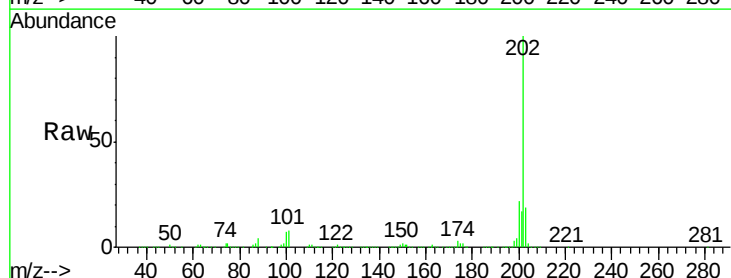
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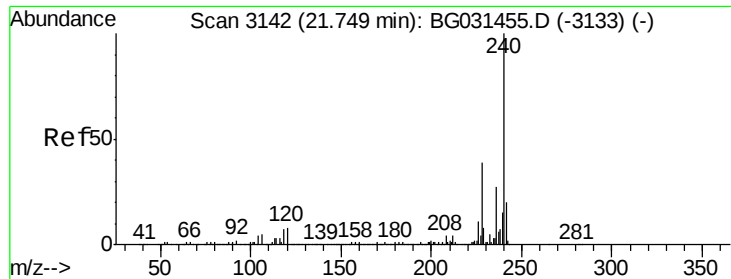
12/15/2017 7:48:00 PM



#74
Fluoranthene
Concen: 46.344 ng
RT: 19.52 min Scan# 2763
Delta R.T. -0.00 min
Lab File: BG031538.D
Acq: 13 Dec 2017 21:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	28.9
203	19.3	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG031538.D

Acq: 13 Dec 2017 21:37

Instrument :

BNA_G

ClientSampleId :

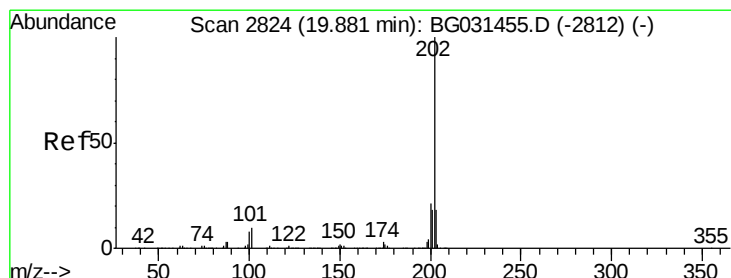
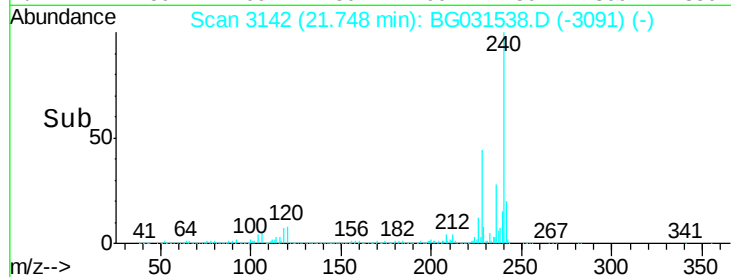
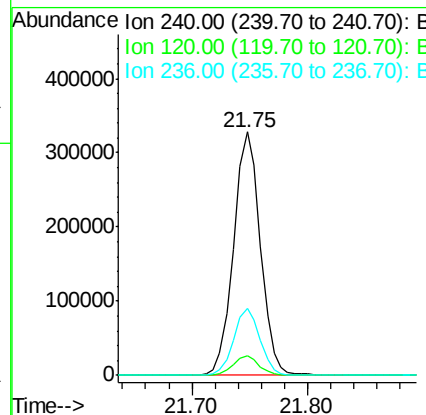
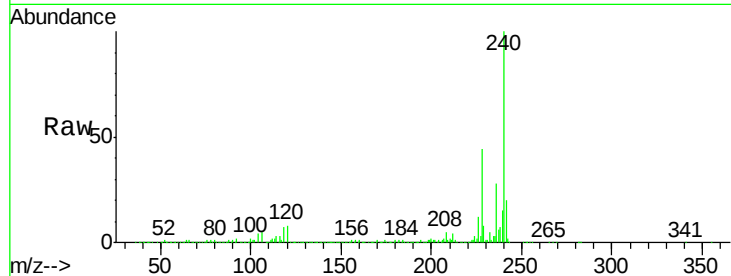
OK-03-121217MS

Tot Ion:	240	Resp:	527012
Ion Ratio	Lower	Upper	
240	100		
120	8.3	6.8	10.2
236	27.6	20.9	31.3

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#77

Pyrene

Concen: 43.951 ng

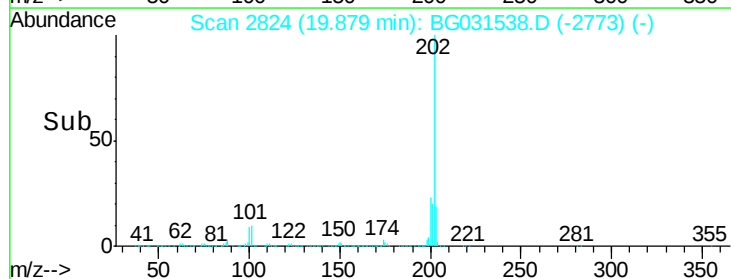
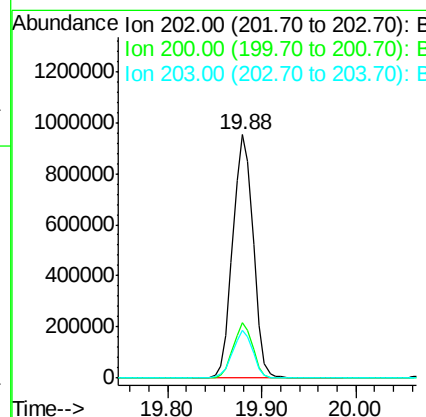
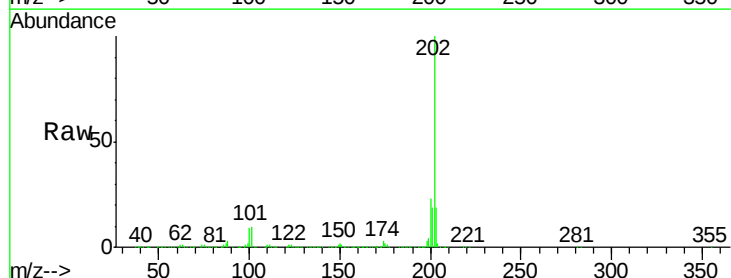
RT: 19.88 min Scan# 2824

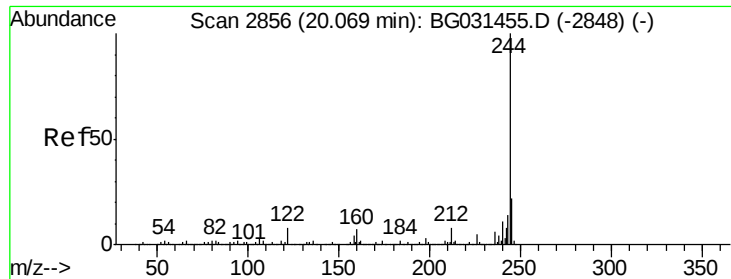
Delta R.T. -0.00 min

Lab File: BG031538.D

Acq: 13 Dec 2017 21:37

Tgt Ion:	202	Resp:	1439221
Ion Ratio	Lower	Upper	
202	100		
200	22.7	16.9	25.3
203	19.4	13.9	20.9





#78
 Terphenyl-d14
 Concen: 92.533 ng
 RT: 20.07 min Scan# 2856
 Delta R.T. -0.00 min
 Lab File: BG031538.D
 Acq: 13 Dec 2017 21:37

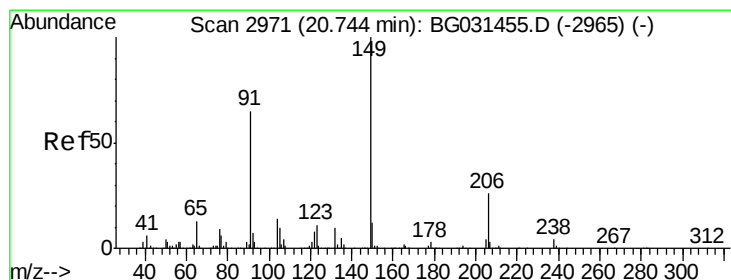
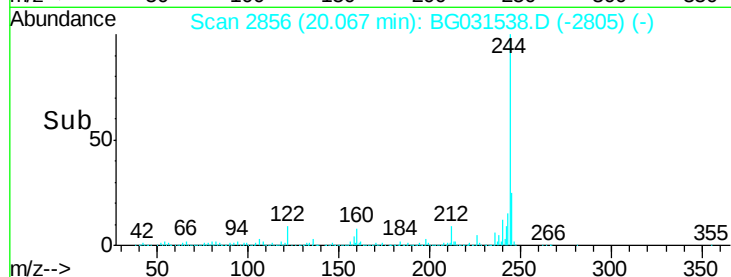
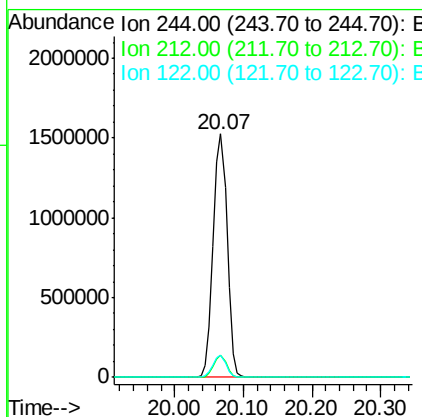
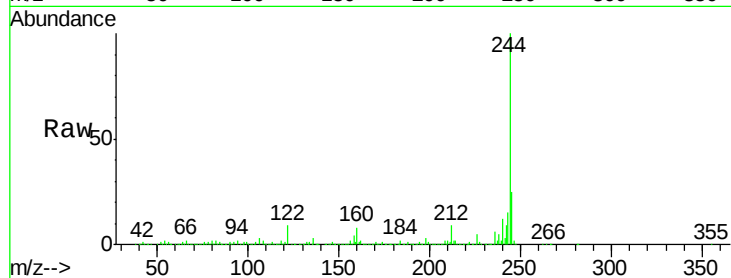
Instrument :
 BNA_G
 ClientSampleId :
 OK-03-121217MS

Tot Ion:244 Resp: 2143408
 Ion Ratio Lower Upper
 244 100
 212 9.1 5.8 8.8#
 122 9.1 7.0 10.4

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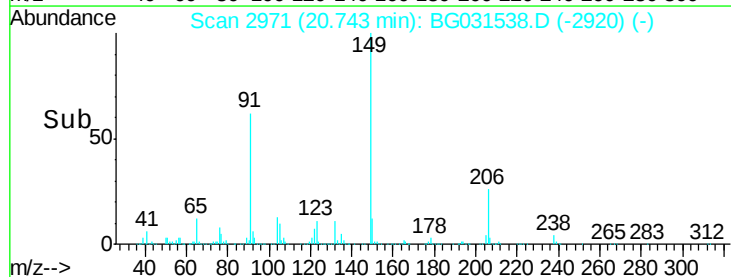
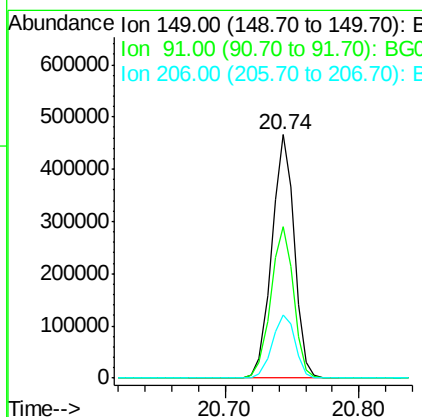
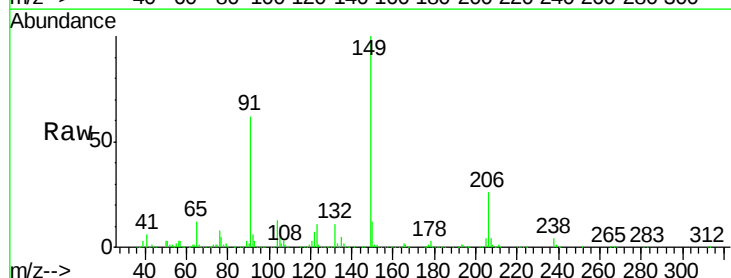
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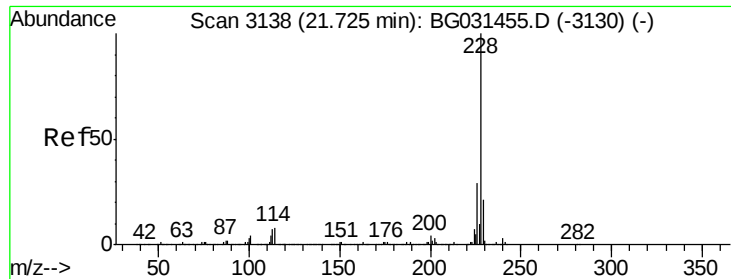
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#79
 Butylbenzylphthalate
 Concen: 47.830 ng
 RT: 20.74 min Scan# 2971
 Delta R.T. -0.00 min
 Lab File: BG031538.D
 Acq: 13 Dec 2017 21:37

Tgt Ion:149 Resp: 549467
 Ion Ratio Lower Upper
 149 100
 91 62.4 62.2 93.2
 206 25.9 18.6 27.8





#80
Benzo(a)anthracene
Concen: 44.776 ng
RT: 21.72 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG031538.D
Acq: 13 Dec 2017 21:37

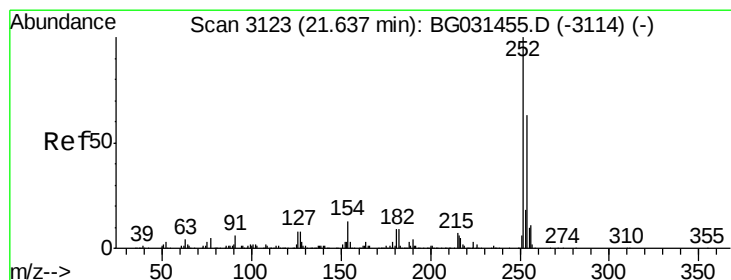
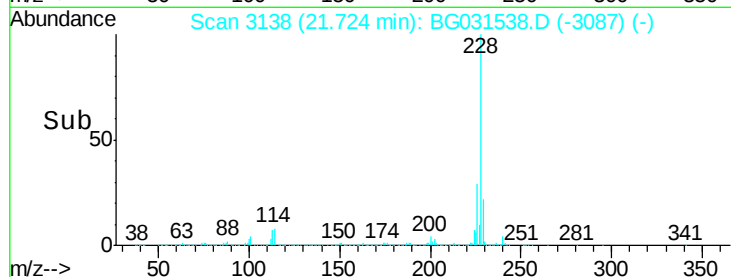
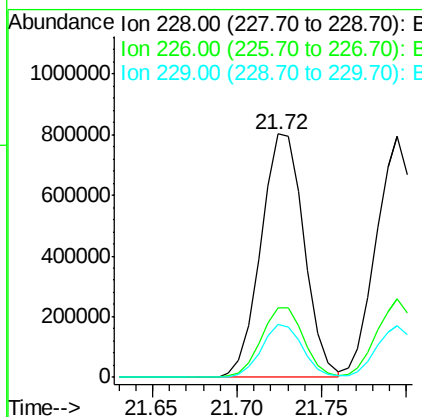
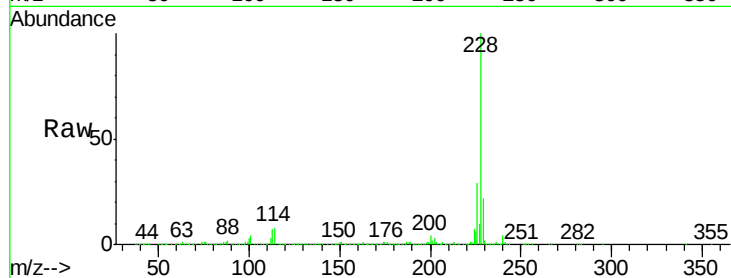
Instrument :
BNA_G
ClientSampleId :
OK-03-121217MS

Tot Ion:228 Resp: 1424328
Ion Ratio Lower Upper
228 100
226 28.8 22.7 34.1
229 21.6 16.2 24.2

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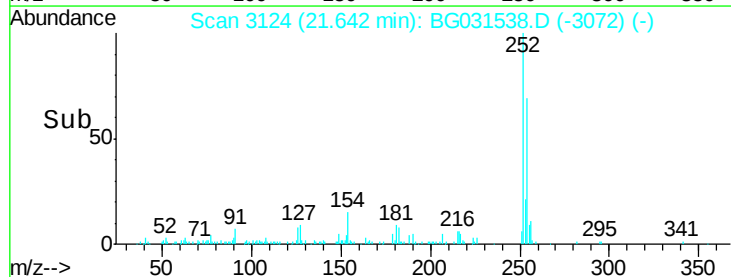
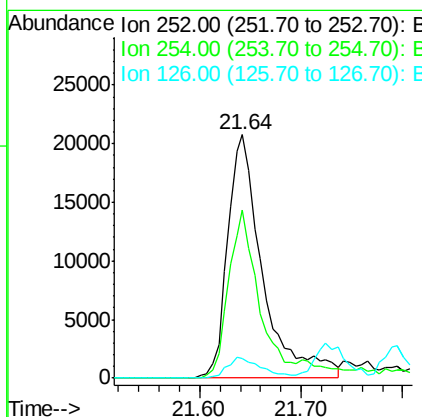
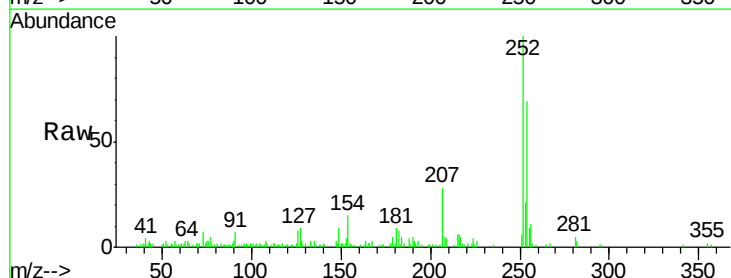
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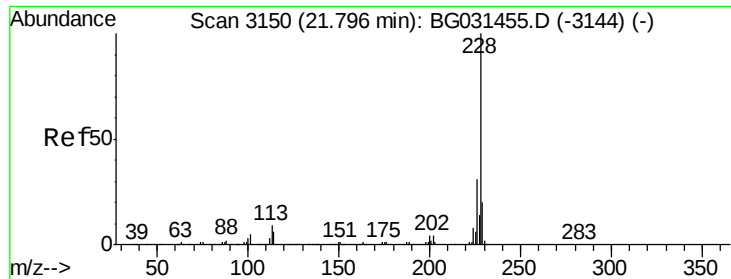
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#81
3,3'-Dichlorobenzidine
Concen: 4.495 ng
RT: 21.64 min Scan# 3124
Delta R.T. 0.00 min
Lab File: BG031538.D
Acq: 13 Dec 2017 21:37

Tgt Ion:252 Resp: 49766
Ion Ratio Lower Upper
252 100
254 68.9 50.8 76.2
126 7.8 7.4 11.2





#82
 Chrysene
 Concen: 44.489 ng
 RT: 21.79 min Scan# 3150
 Delta R.T. -0.00 min
 Lab File: BG031538.D
 Acq: 13 Dec 2017 21:37

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-121217MS

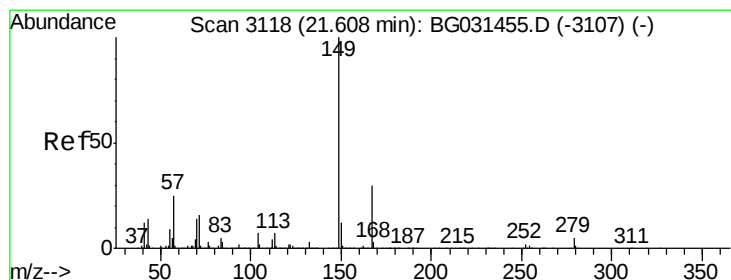
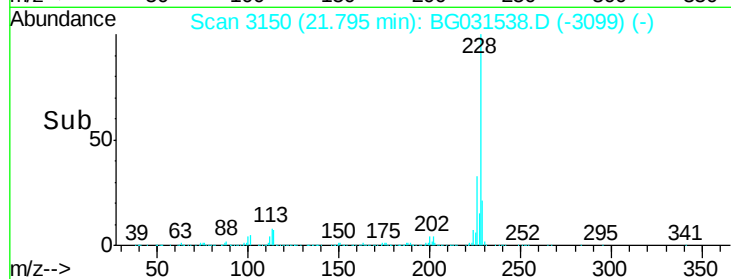
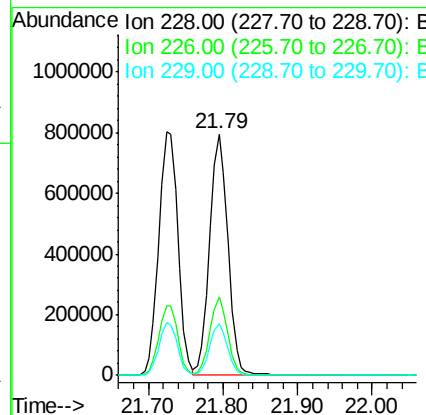
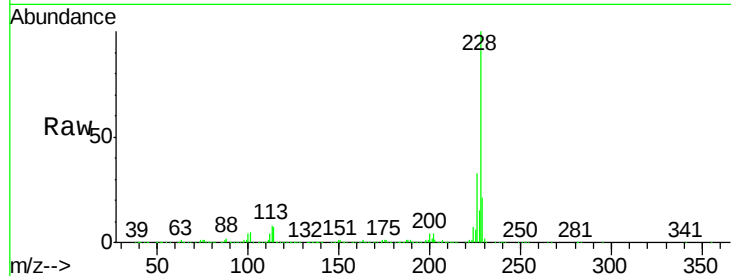
Tot Ion:228 Resp: 1356700

Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.9	37.3
229	21.2	15.0	22.4

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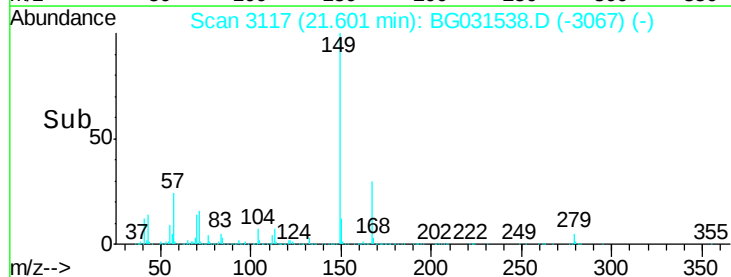
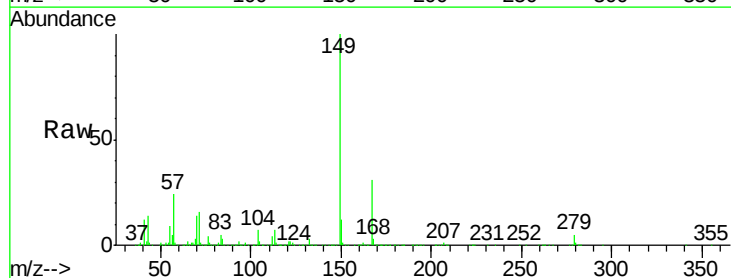
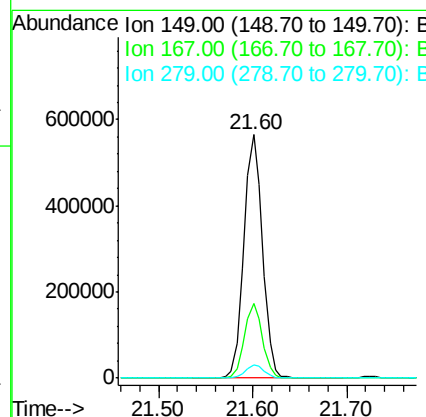
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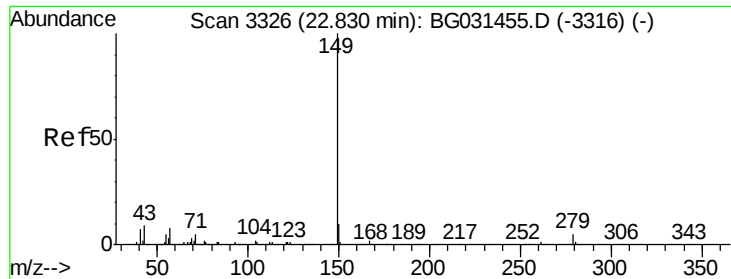


#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.621 ng
 RT: 21.60 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BG031538.D
 Acq: 13 Dec 2017 21:37

Tgt Ion:149 Resp: 770535

Ion	Ratio	Lower	Upper
149	100		
167	30.5	24.3	36.5
279	5.4	4.0	6.0





#84
Di-n-octyl phthalate
Concen: 48.287 ng
RT: 22.82 min Scan# 3325
Delta R.T. -0.01 min
Lab File: BG031538.D
Acq: 13 Dec 2017 21:37

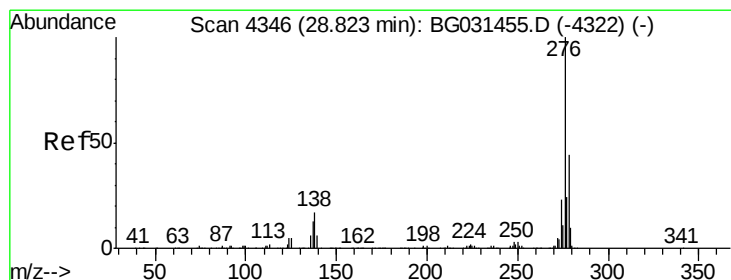
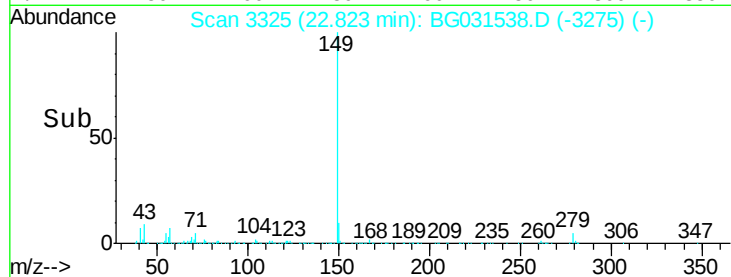
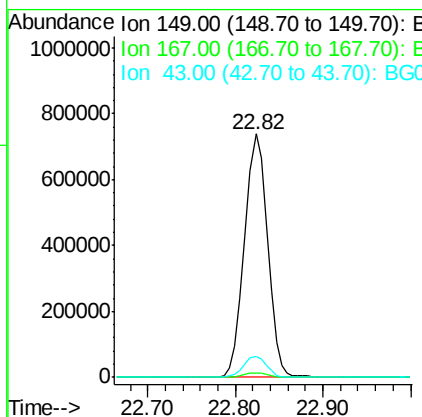
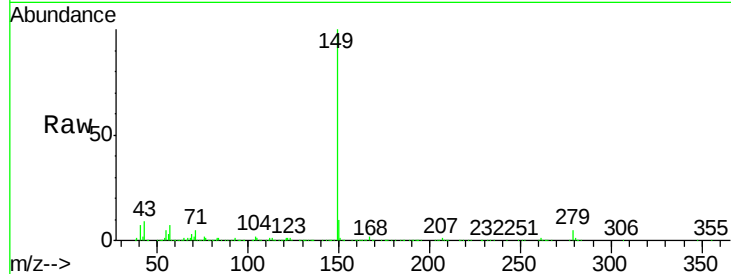
Instrument :
BNA_G
ClientSampleId :
OK-03-121217MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	8.5	8.9	13.3#

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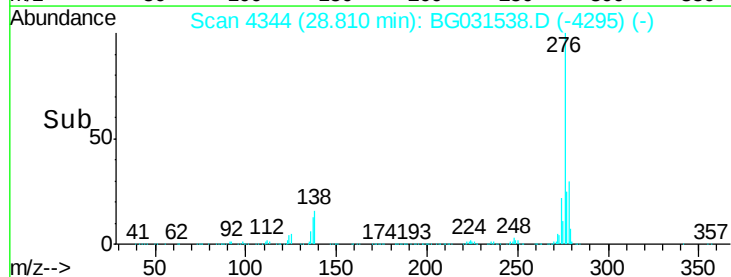
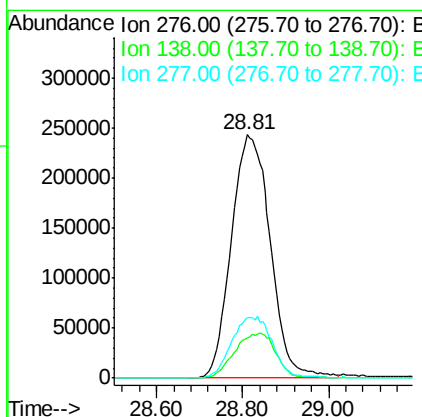
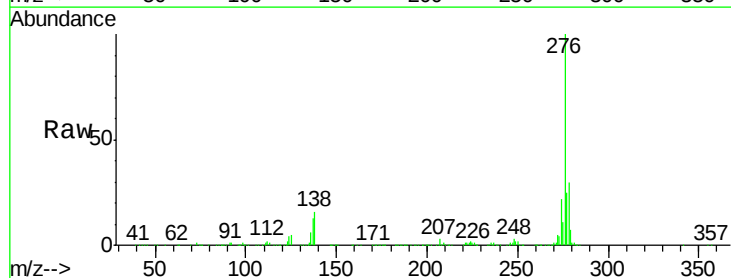
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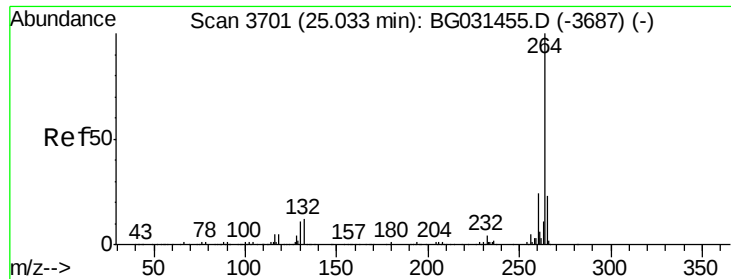
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#85
Indeno(1,2,3-cd)pyrene
Concen: 47.356 ng
RT: 28.81 min Scan# 4344
Delta R.T. -0.01 min
Lab File: BG031538.D
Acq: 13 Dec 2017 21:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	16.0	24.0#
277	0.0	20.0	30.0#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3701
Delta R.T. -0.00 min
Lab File: BG031538.D
Acq: 13 Dec 2017 21:37

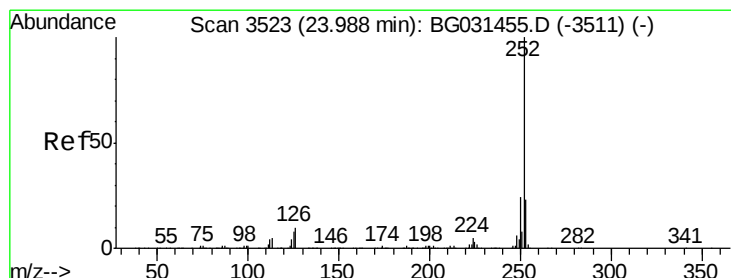
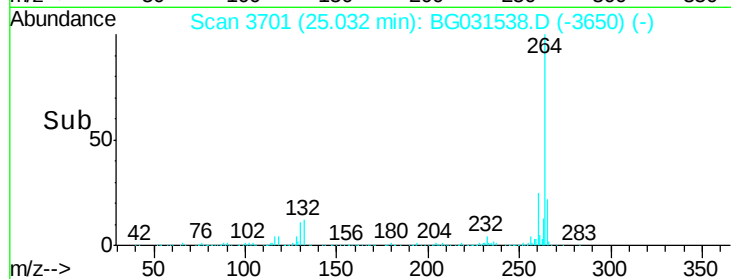
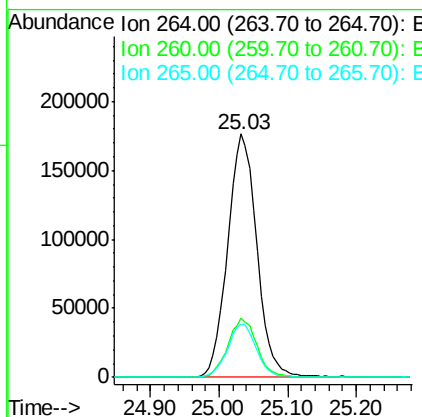
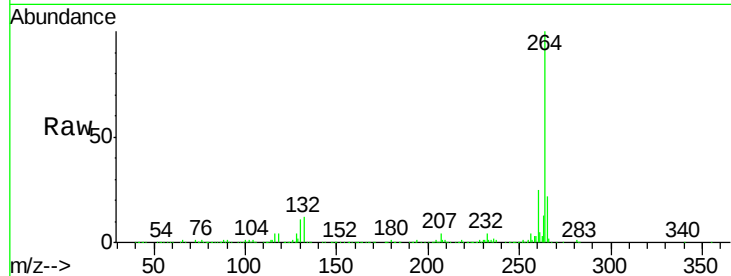
Instrument :
BNA_G
ClientSampleId :
OK-03-121217MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	17.4	26.0
265	21.6	17.7	26.5

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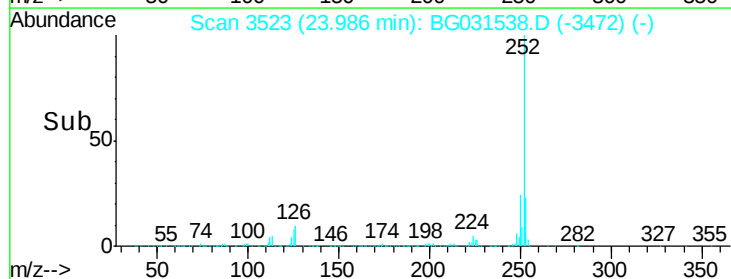
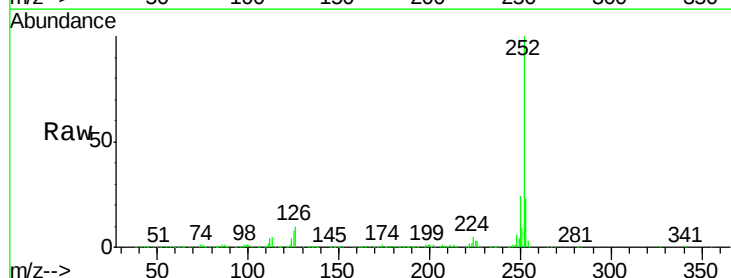
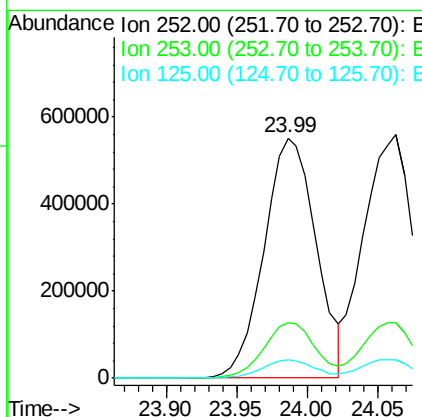
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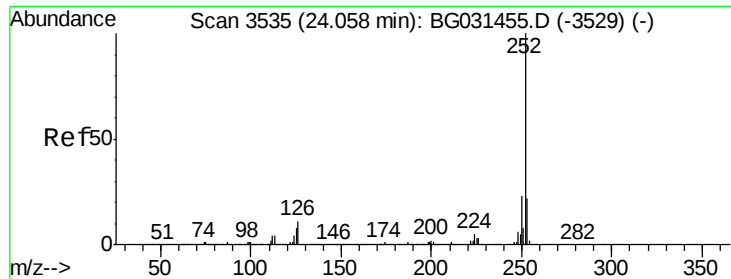
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#87
Benzo(b)fluoranthene
Concen: 45.575 ng
RT: 23.99 min Scan# 3523
Delta R.T. -0.00 min
Lab File: BG031538.D
Acq: 13 Dec 2017 21:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.4
125	7.8	7.2	10.8





#88
Benzo(k)fluoranthene
Concen: 43.955 ng
RT: 24.06 min Scan# 3536
Delta R.T. 0.00 min
Lab File: BG031538.D
Acq: 13 Dec 2017 21:37

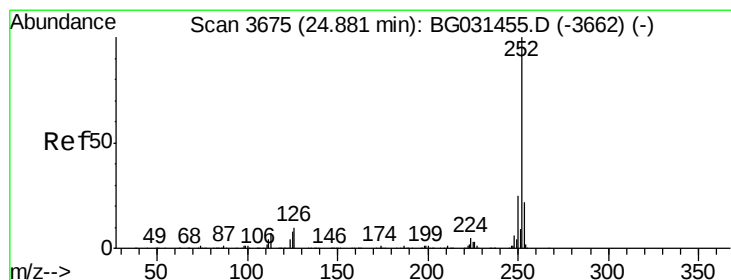
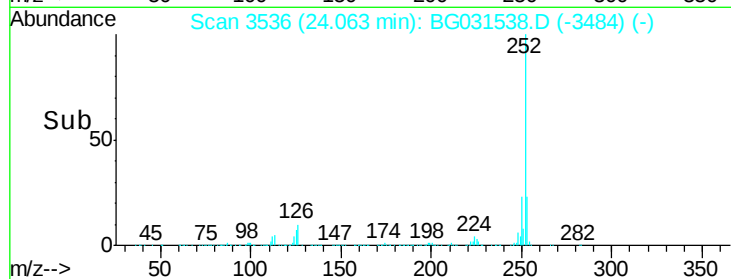
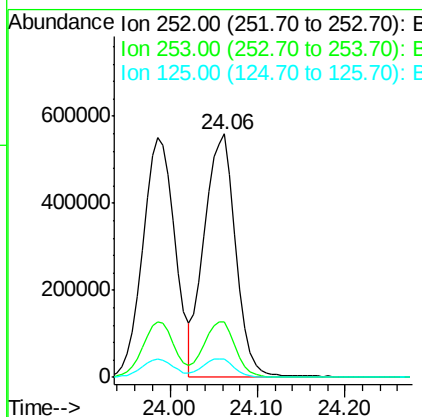
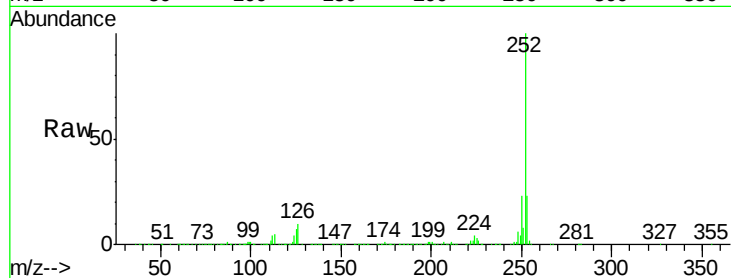
Instrument :
BNA_G
ClientSampleId :
OK-03-121217MS

Tot Ion:252 Resp: 1396539
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 7.3 6.6 9.8

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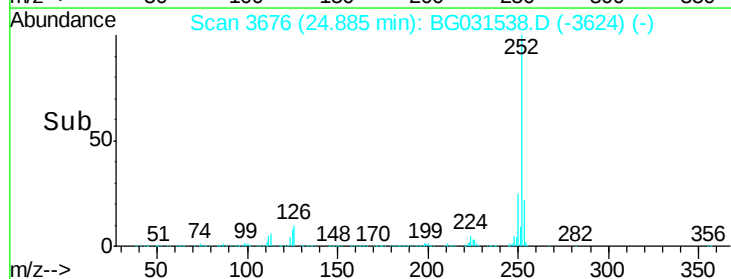
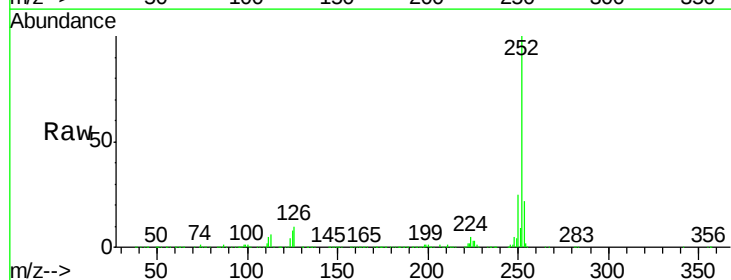
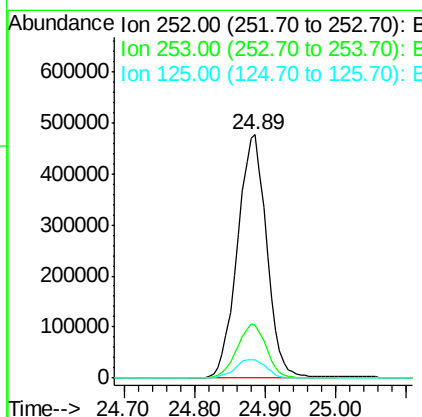
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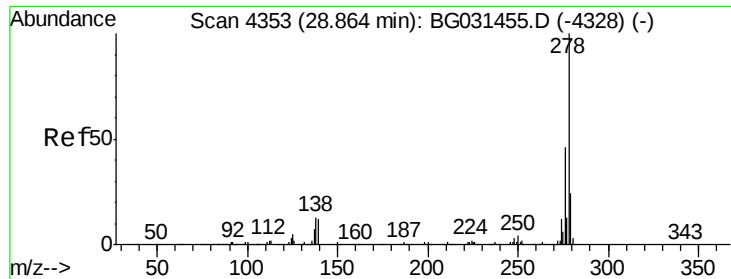
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#89
Benzo(a)pyrene
Concen: 46.454 ng
RT: 24.89 min Scan# 3676
Delta R.T. 0.00 min
Lab File: BG031538.D
Acq: 13 Dec 2017 21:37

Tgt Ion:252 Resp: 1371963
Ion Ratio Lower Upper
252 100
253 22.0 18.3 27.5
125 7.6 7.3 10.9





#90
Dibenzo(a,h)anthracene
Concen: 46.645 ng
RT: 28.86 min Scan# 4352
Delta R.T. -0.01 min
Lab File: BG031538.D
Acq: 13 Dec 2017 21:37

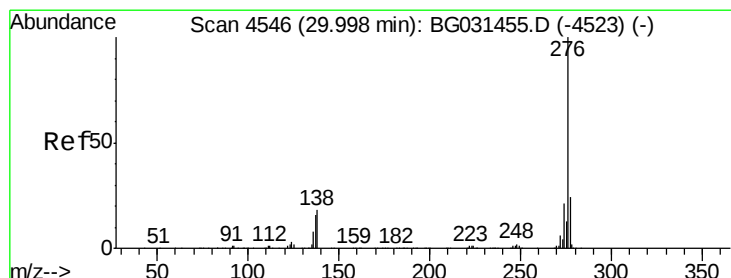
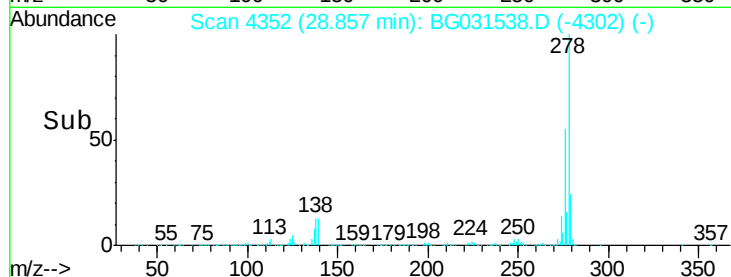
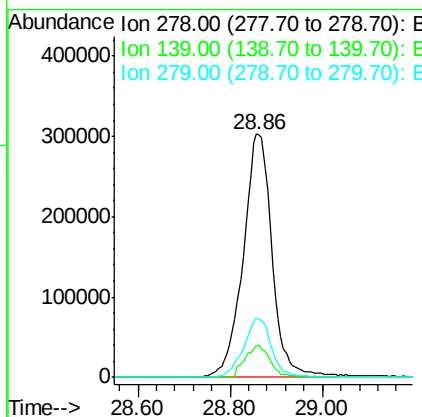
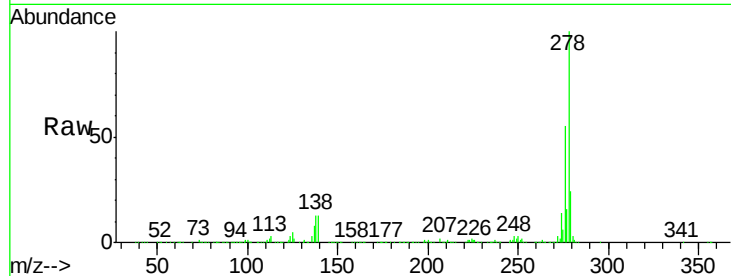
Instrument :
BNA_G
ClientSampleId :
OK-03-121217MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.9	9.8	14.6
279	24.3	18.4	27.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 45.100 ng
RT: 30.00 min Scan# 4546
Delta R.T. -0.00 min
Lab File: BG031538.D
Acq: 13 Dec 2017 21:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.3	27.5
138	16.5	13.9	20.9

