

Data Path : Z:\HPCHEM1\BNA_G\Data\BG121317\
 Data File : BG031539.D
 Acq On : 13 Dec 2017 22:14
 Operator : SJ/JU
 Sample : I6676-06MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-121217MSD

Manual Integrations
 APPROVED

Quant Time: Dec 25 04:33:46 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	51662	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	220916	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	162736	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	471994	20.00	ng	0.00
75) Chrysene-d12	21.75	240	526876	20.00	ng	0.00
86) Perylene-d12	25.03	264	270887	20.00	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	410714	140.92	ng	0.00
7) Phenol-d6	7.28	99	523058	129.27	ng	0.01
23) Nitrobenzene-d5	9.27	82	340504	95.00	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	330725	173.47	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	968477	87.36	ng	0.00
78) Terphenyl-d14	20.07	244	2171088	93.75	ng	0.00

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Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	45619	32.80	ng	# 81
3) Pyridine	3.95	79	150356	41.06	ng	92
4) n-Nitrosodimethylamine	3.83	42	61420	35.61	ng	# 95
6) Aniline	7.44	93	11975m	2.25	ng	
8) 2-Chlorophenol	7.68	128	143525	44.15	ng	89
9) Benzaldehyde	7.24	77	79212	33.77	ng	91
10) Phenol	7.31	94	166568	40.07	ng	93
11) bis(2-Chloroethyl)ether	7.52	93	130989	38.61	ng	89
12) 1,3-Dichlorobenzene	7.99	146	150876	39.02	ng	97
13) 1,4-Dichlorobenzene	8.14	146	155011	38.58	ng	95
14) 1,2-Dichlorobenzene	8.46	146	148420	38.78	ng	97
15) Benzyl Alcohol	8.35	79	72276	22.83	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.63	45	192550	50.52	ng	90
17) 2-Methylphenol	8.56	107	122357	43.18	ng	97
18) Hexachloroethane	9.19	117	52542	38.79	ng	96
19) n-Nitroso-di-n-propylamine	8.91	70	106172	33.34	ng	# 96
20) 3+4-Methylphenols	8.89	107	169906	40.25	ng	94
22) Acetophenone	8.93	105	220348	41.58	ng	# 93
24) Nitrobenzene	9.32	77	158271	43.09	ng	92
25) Isophorone	9.84	82	303571	44.82	ng	# 92
26) 2-Nitrophenol	10.03	139	85195	46.91	ng	# 88
27) 2,4-Dimethylphenol	10.09	122	147093	53.32	ng	91
28) bis(2-Chloroethoxy)methane	10.31	93	164405	37.60	ng	95
29) 2,4-Dichlorophenol	10.58	162	166683	51.28	ng	90
30) 1,2,4-Trichlorobenzene	10.78	180	175269	42.21	ng	93
31) Naphthalene	10.97	128	441342	40.67	ng	99
32) Benzoic acid	10.26	122	70850	44.82	ng	# 82
33) 4-Chloroaniline	11.11	127	7855	1.67	ng	# 88
34) Hexachlorobutadiene	11.25	225	109345	39.70	ng	96
35) Caprolactam	11.86	113	67819m	53.14	ng	
36) 4-Chloro-3-methylphenol	12.21	107	186438	50.25	ng	85
37) 2-Methylnaphthalene	12.57	142	355668	42.33	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	232416	36.54	ng	98
40) Hexachlorocyclopentadiene	12.91	237	133853	66.79	ng	92

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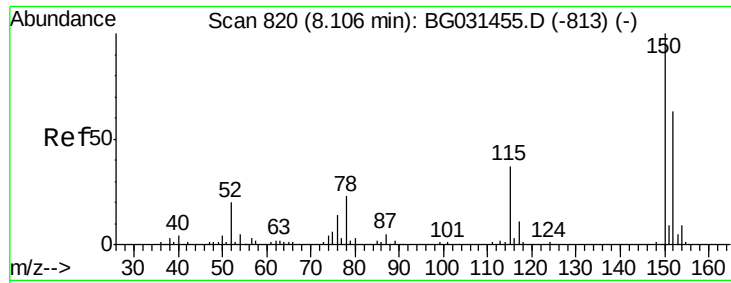
Instrument :
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 OK-03-121217MSD

Manual Integrations
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Quant Time: Dec 25 04:33:46 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	156066	48.03	ng	97
43) 2,4,5-Trichlorophenol	13.27	196	179299	51.22	ng #	91
45) 1,1'-Biphenyl	13.56	154	513592	38.42	ng	98
46) 2-Chloronaphthalene	13.61	162	403469	41.24	ng	96
47) 2-Nitroaniline	13.82	65	104172	37.89	ng #	74
48) Acenaphthylene	14.46	152	612651	38.92	ng	99
49) Dimethylphthalate	14.18	163	611230	45.37	ng	98
50) 2,6-Dinitrotoluene	14.30	165	138294	48.02	ng #	75
51) Acenaphthene	14.79	154	393803	39.56	ng	96
52) 3-Nitroaniline	14.66	138	18132	6.18	ng #	84
53) 2,4-Dinitrophenol	14.86	184	129387	104.53	ng #	50
54) Dibenzofuran	15.13	168	675487	42.53	ng	97
55) 4-Nitrophenol	14.97	139	189714	94.95	ng #	81
56) 2,4-Dinitrotoluene	15.10	165	206412	50.46	ng #	74
57) Fluorene	15.77	166	555656	43.66	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	181848	55.27	ng #	88
59) Diethylphthalate	15.53	149	624245	46.22	ng	97
60) 4-Chlorophenyl-phenylether	15.76	204	323713	41.57	ng	92
61) 4-Nitroaniline	15.81	138	56553	18.36	ng	85
62) Azobenzene	16.06	77	457149	40.86	ng	93
64) 4,6-Dinitro-2-methylphenol	15.87	198	108690	39.06	ng	80
65) n-Nitrosodiphenylamine	15.98	169	71988	5.21	ng	96
66) 4-Bromophenyl-phenylether	16.65	248	226782	41.32	ng	96
67) Hexachlorobenzene	16.78	284	230088	40.60	ng	96
68) Atrazine	16.92	200	9698	1.92	ng	97
69) Pentachlorophenol	17.13	266	207527	76.45	ng	99
70) Phenanthrene	17.52	178	1033433	41.92	ng	98
71) Anthracene	17.61	178	1060951	43.52	ng	99
72) Carbazole	17.88	167	172952	7.84	ng	98
73) Di-n-butylphthalate	18.41	149	1176493	46.18	ng	98
74) Fluoranthene	19.52	202	1376386	44.62	ng	97
77) Pyrene	19.88	202	1376641	42.05	ng	97
79) Butylbenzylphthalate	20.74	149	527989	45.97	ng #	83
80) Benzo(a)anthracene	21.72	228	1347513	42.37	ng	97
82) Chrysene	21.80	228	1310249	42.98	ng	98
83) Bis(2-ethylhexyl)phthalate	21.60	149	745154	45.10	ng	99
84) Di-n-octyl phthalate	22.82	149	1254027	46.01	ng #	94
85) Indeno(1,2,3-cd)pyrene	28.81	276	1143766	35.10	ng	99
87) Benzo(b)fluoranthene	23.99	252	1300387	80.30	ng	98
88) Benzo(k)fluoranthene	24.05	252	1239103	74.97	ng	97
89) Benzo(a)pyrene	24.88	252	975860	63.52	ng	98
90) Dibenzo(a,h)anthracene	28.85	278	1111147	75.63	ng	98
91) Benzo(g,h,i)perylene	29.99	276	837610	57.99	ng	98

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

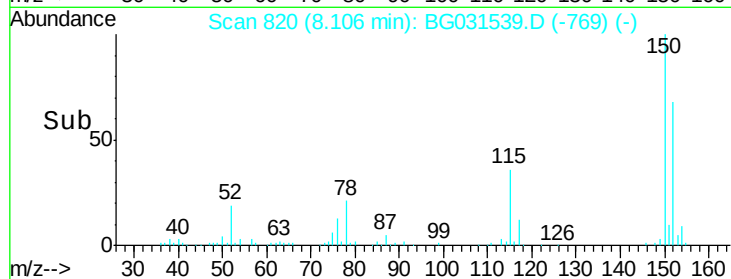
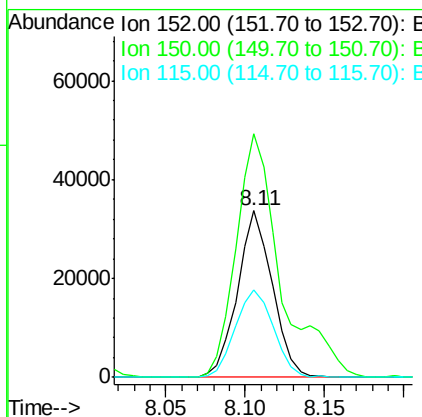
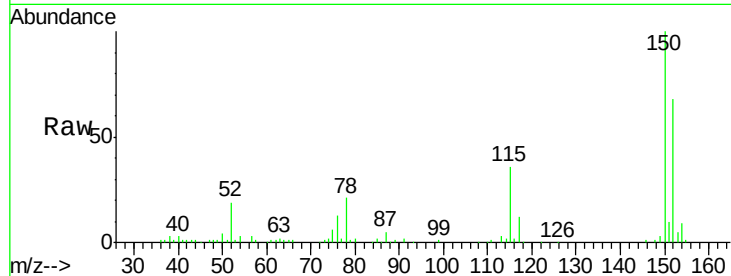


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-121217MSD

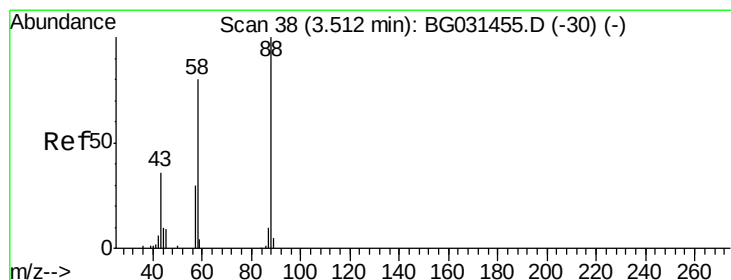
Tgt Ion	Ratio	Lower	Upper
152	100		
150	146.0	126.6	189.8
115	52.4	53.0	79.4

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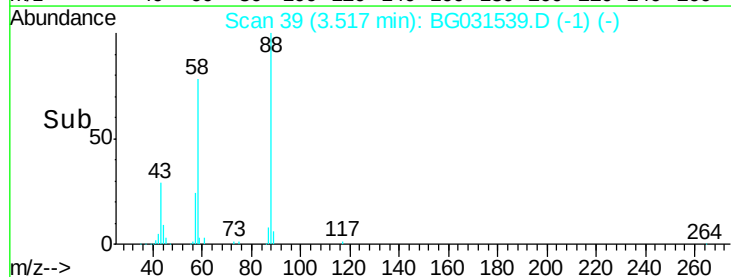
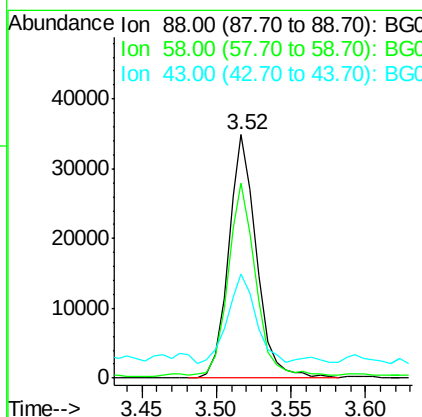
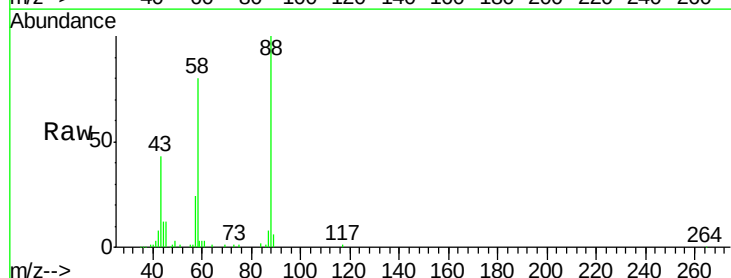
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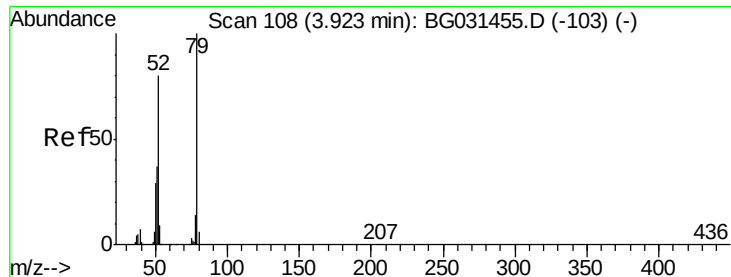
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#2
 1,4-Dioxane
 Concen: 32.80 ng
 RT: 3.52 min Scan# 39
 Delta R.T. 0.01 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.5	79.6	119.4
43	37.4	27.4	41.0





#3

Pyridine

Concen: 41.06 ng

RT: 3.95 min Scan# 112

Delta R.T. 0.02 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

Instrument :

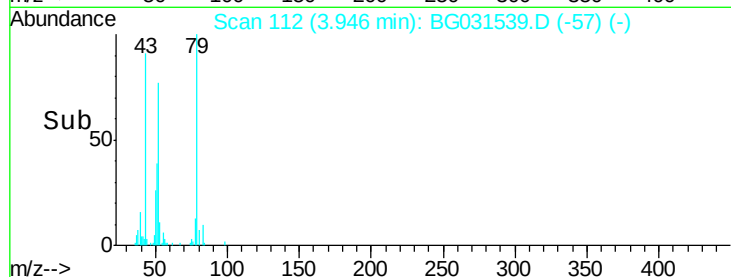
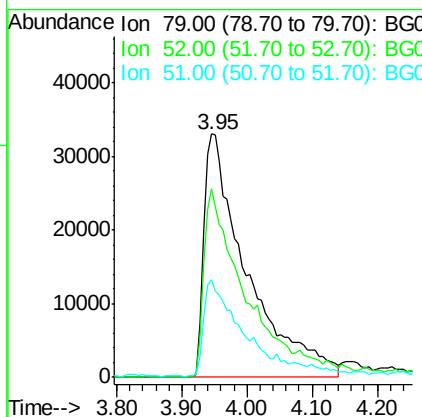
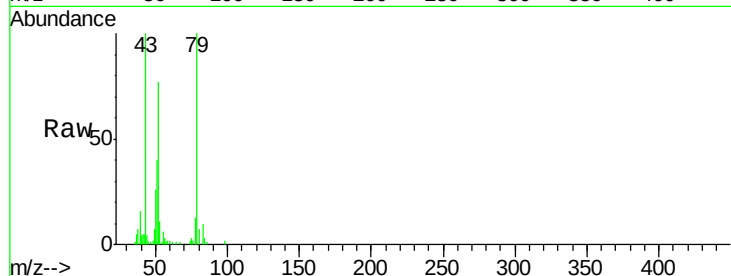
BNA_G

ClientSampleId :

OK-03-121217MSD

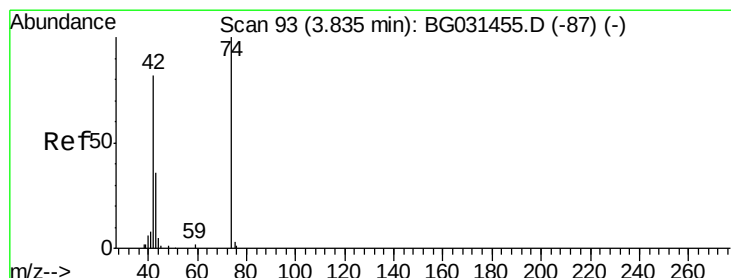
Tgt Ion:	79	Resp:	150356
Ion Ratio	Lower	Upper	
79	100		
52	77.5	69.9	104.9
51	40.3	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 35.61 ng

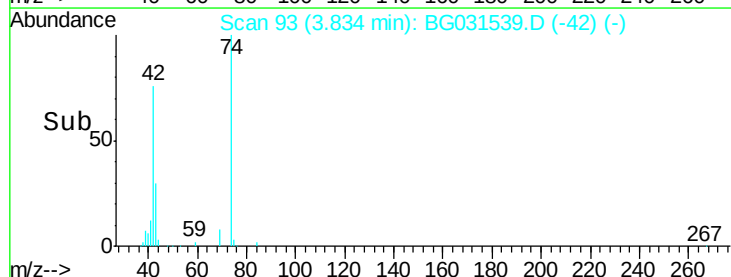
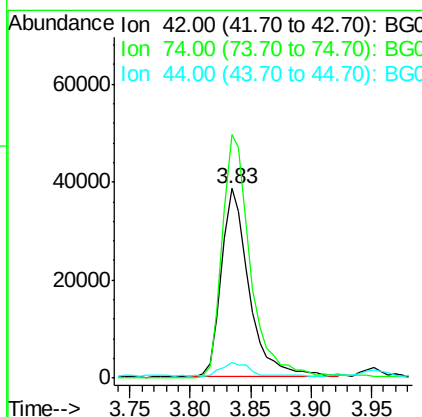
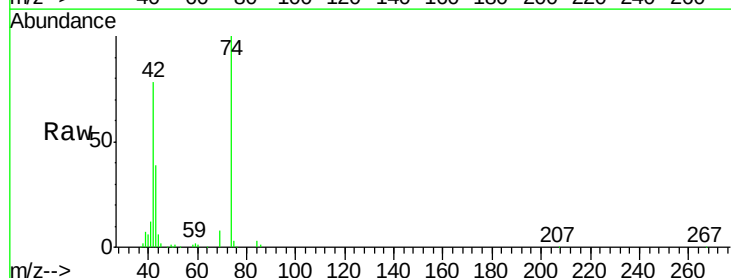
RT: 3.83 min Scan# 93

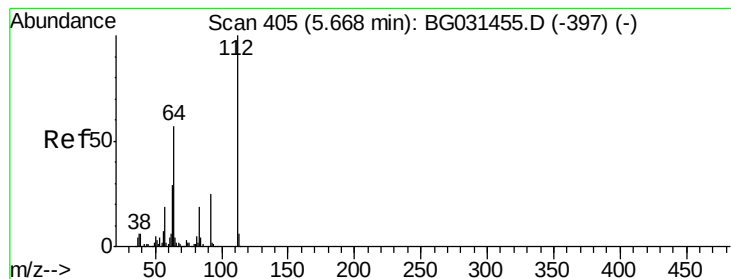
Delta R.T. -0.00 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

Tgt Ion:	42	Resp:	61420
Ion Ratio	Lower	Upper	
42	100		
74	128.4	102.5	153.7
44	8.1	18.9	28.3#





#5

2-Fluorophenol

Concen: 140.92 ng

RT: 5.67 min Scan# 406

Delta R.T. 0.01 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

Instrument :

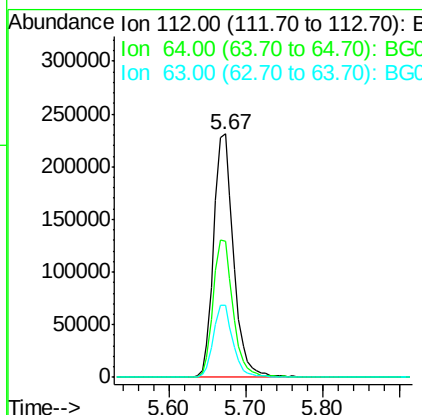
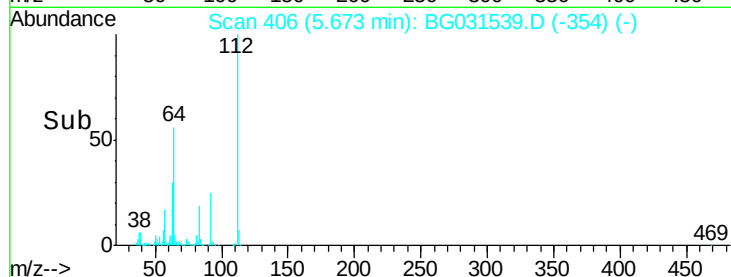
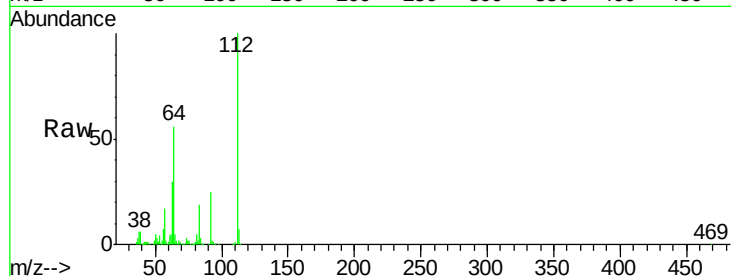
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ClientSampleId :

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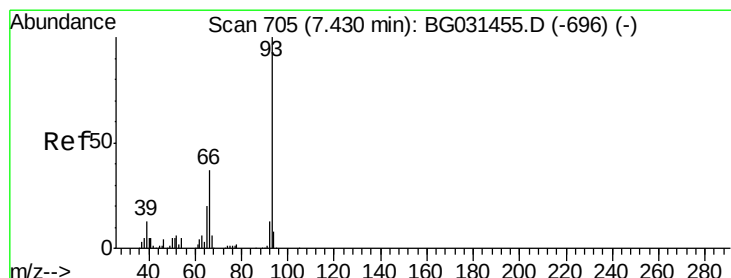
Tgt Ion:	112	Resp:	410714
Ion Ratio	Lower	Upper	
112	100		
64	56.1	56.3	84.5#
63	29.9	30.1	45.1#

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#6

Aniline

Concen: 2.25 ng m

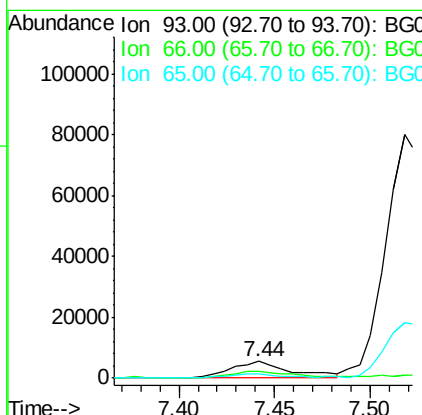
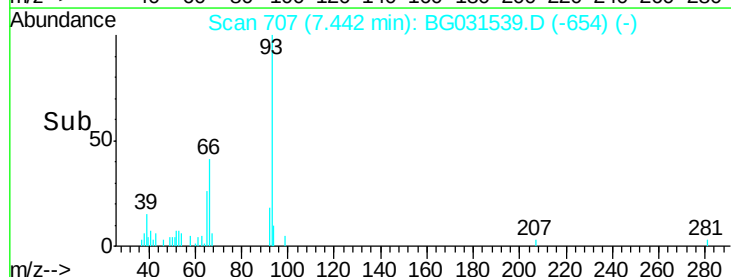
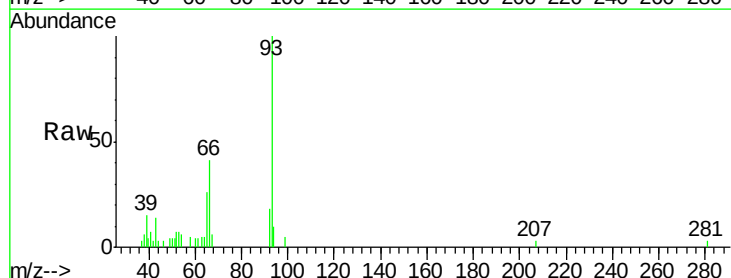
RT: 7.44 min Scan# 707

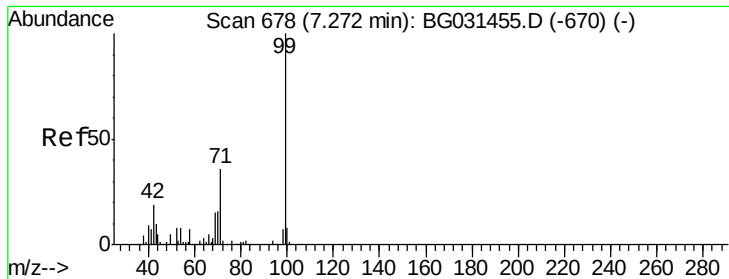
Delta R.T. 0.01 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

Tgt Ion:	93	Resp:	11975
Ion Ratio	Lower	Upper	
93	100		
66	41.0	33.7	50.5
65	26.0	16.1	24.1#





#7

Phenol-d6

Concen: 129.27 ng

RT: 7.28 min Scan# 680

Delta R.T. 0.01 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

Instrument :

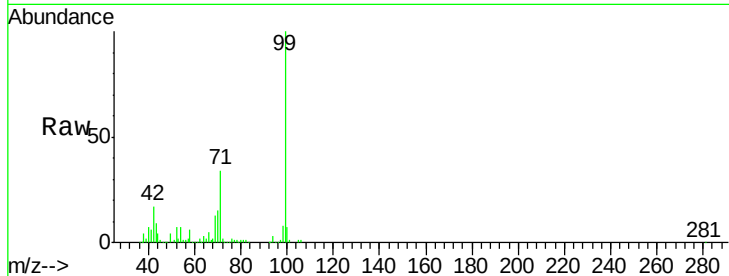
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ClientSampleId :

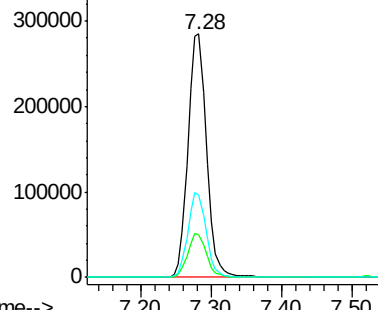
OK-03-121217MSD

Tgt Ion:	99	Resp:	523058
Ion Ratio	Lower	Upper	
99	100		
42	17.3	14.1	21.1
71	33.7	26.1	39.1

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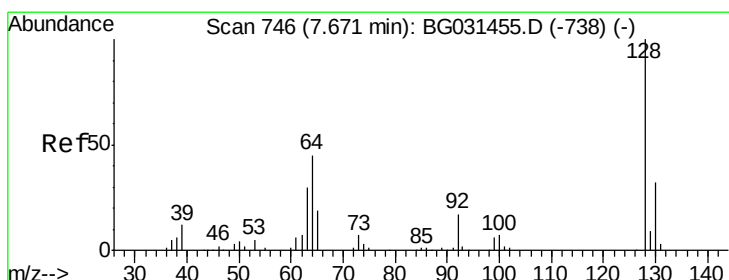
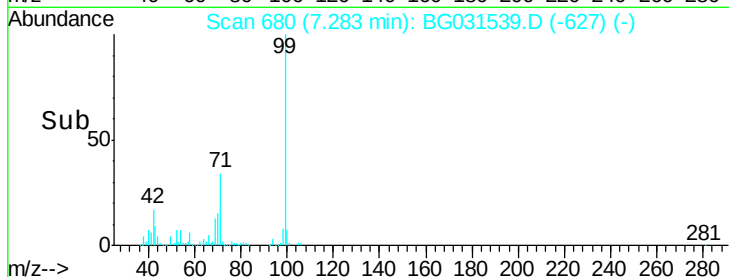


Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



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#8

2-Chlorophenol

Concen: 44.15 ng

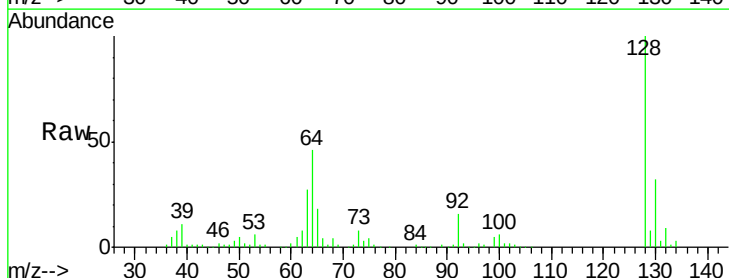
RT: 7.68 min Scan# 747

Delta R.T. 0.01 min

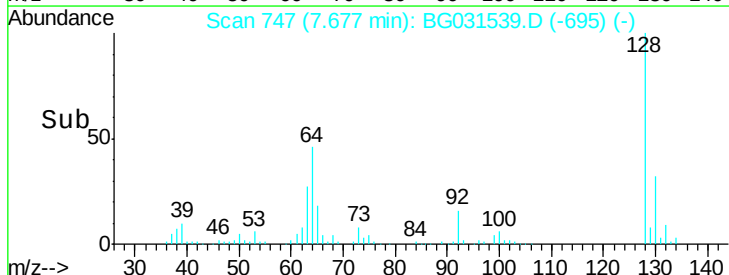
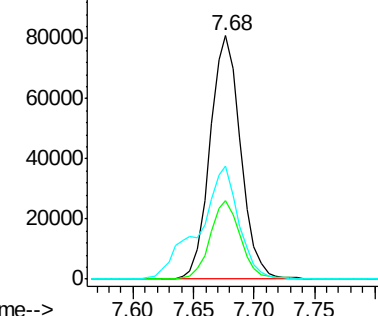
Lab File: BG031539.D

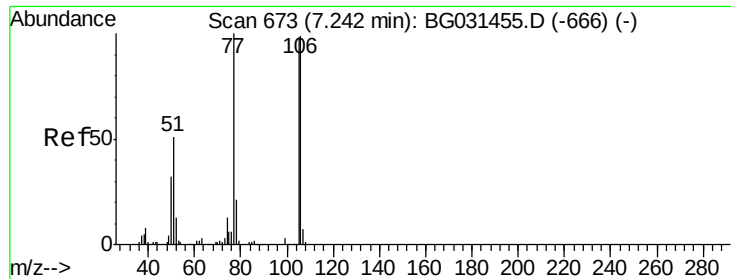
Acq: 13 Dec 2017 22:14

Tgt Ion:	128	Resp:	143525
Ion Ratio	Lower	Upper	
128	100		
130	32.0	14.0	54.0
64	46.5	37.7	77.7



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





#9

Benzaldehyde

Concen: 33.77 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.00 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

Instrument :

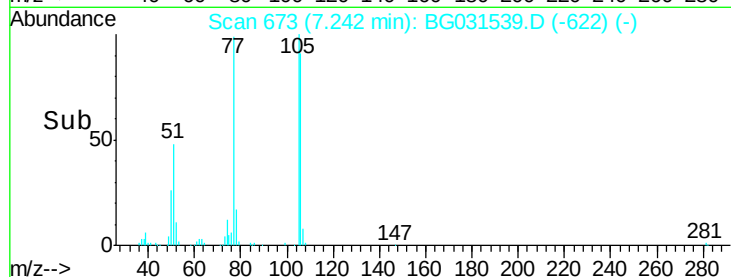
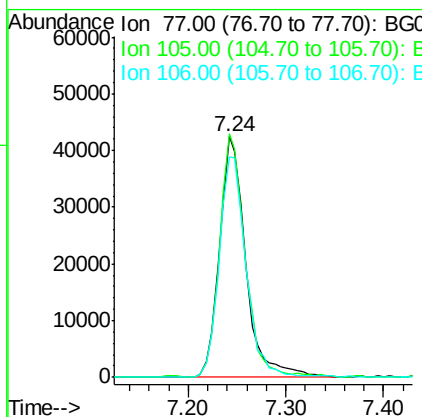
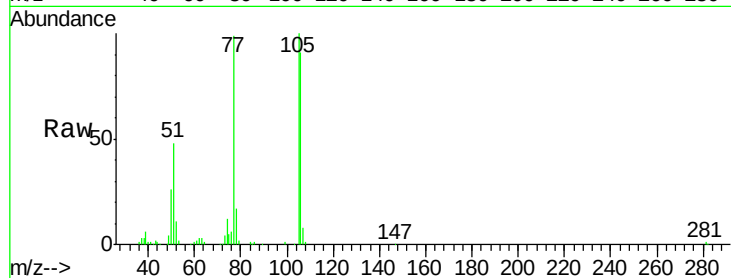
BNA_G

ClientSampleId :

OK-03-121217MSD

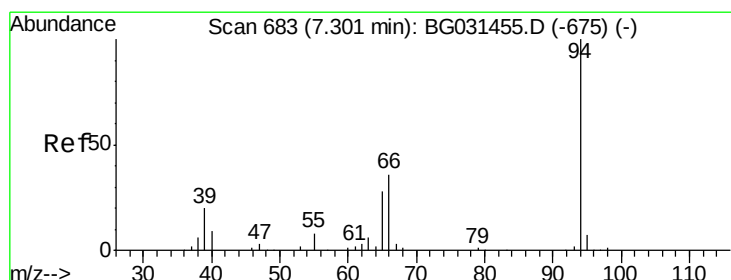
Tgt Ion:	77	Resp:	79212
Ion	Ratio	Lower	Upper
77	100		
105	101.2	71.3	111.3
106	91.8	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 40.07 ng

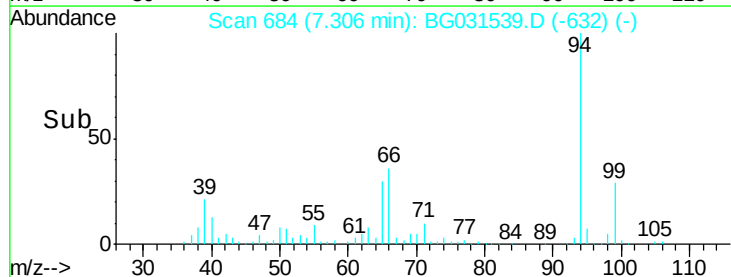
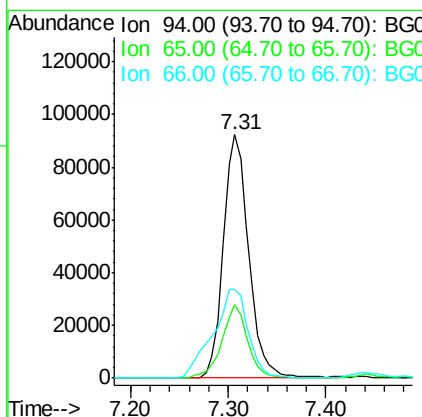
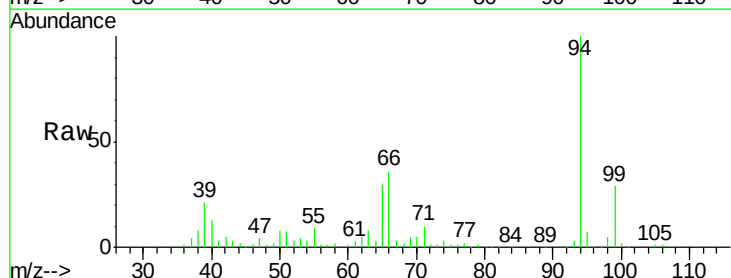
RT: 7.31 min Scan# 684

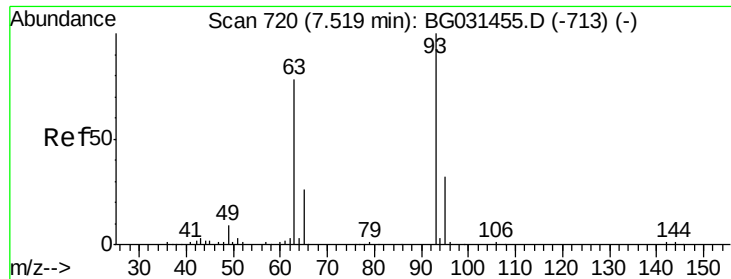
Delta R.T. 0.01 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

Tgt Ion:	94	Resp:	166568
Ion	Ratio	Lower	Upper
94	100		
65	30.2	11.9	51.9
66	36.3	22.2	62.2



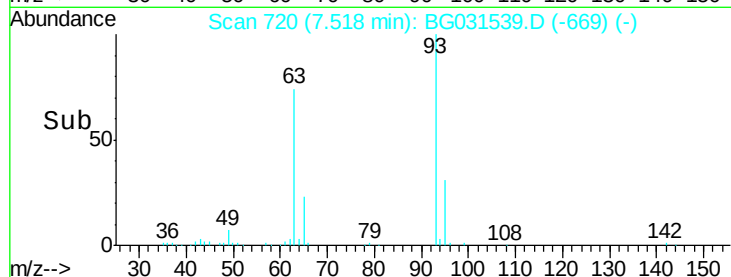
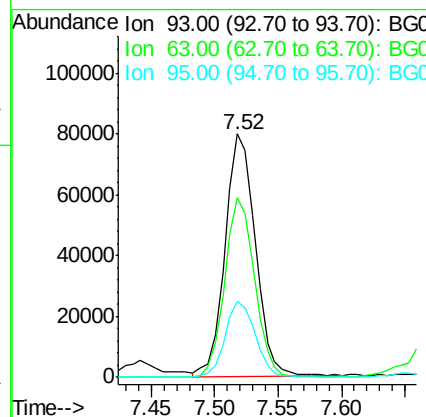
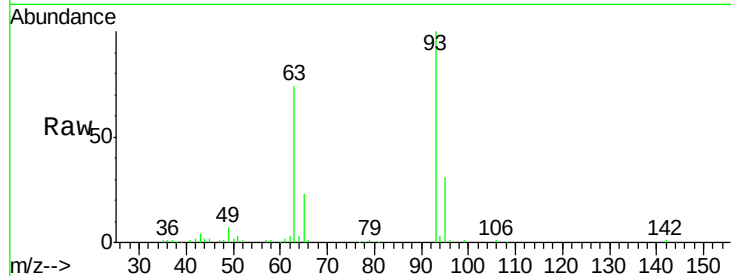


#11
bis(2-Chloroethyl)ether
Concen: 38.61 ng
RT: 7.52 min Scan# 720
Delta R.T. -0.00 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

Instrument :
BNA_G
ClientSampleId :
OK-03-121217MSD

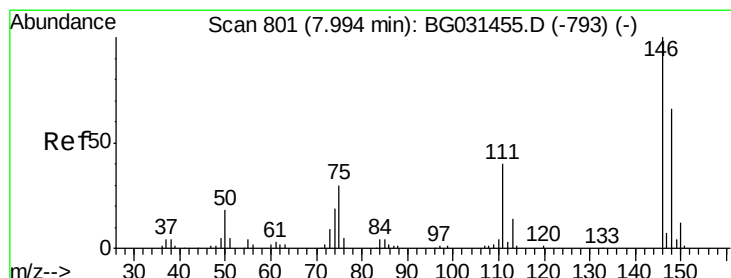
Tgt Ion	Ratio	Lower	Upper
93	100		
63	73.9	67.1	107.1
95	31.2	11.5	51.5

Manual Integrations
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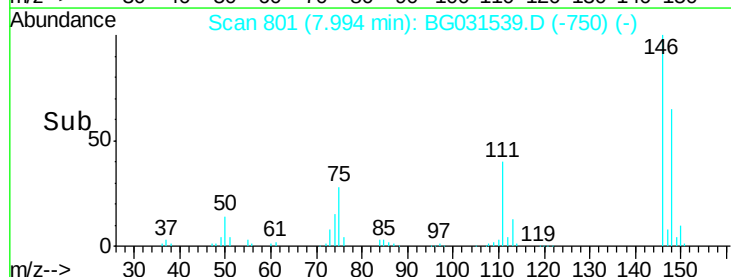
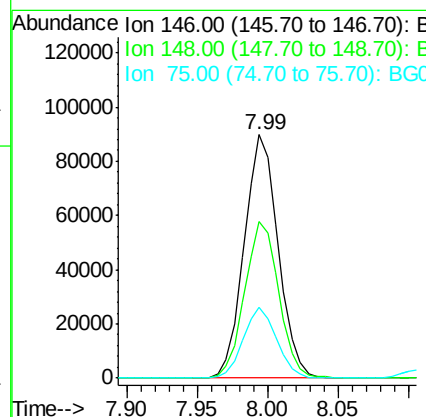
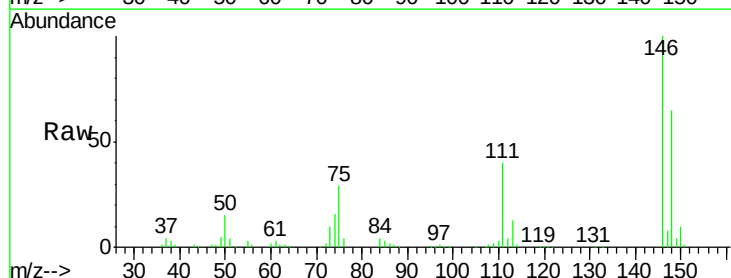
Sohil

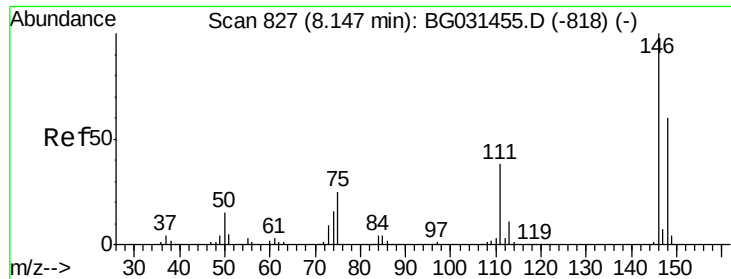
12/15/2017 7:48:02 PM



#12
1,3-Dichlorobenzene
Concen: 39.02 ng
RT: 7.99 min Scan# 801
Delta R.T. -0.00 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.4	77.2
75	29.1	26.6	39.8



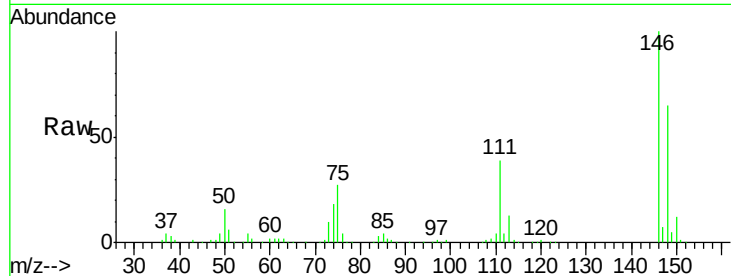


#13
 1,4-Dichlorobenzene
 Concen: 38.58 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

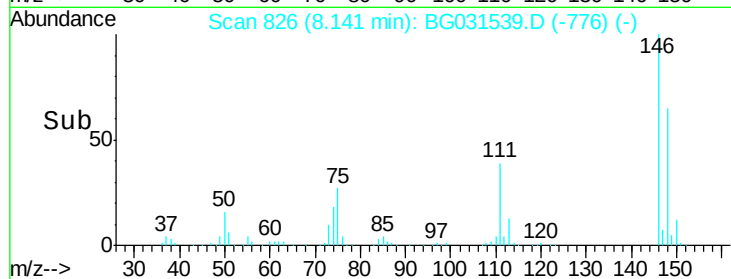
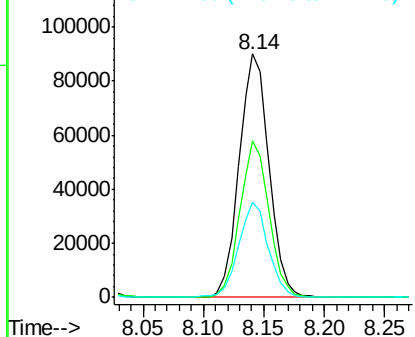
Instrument :
 BNA_G
 ClientSampleId :
 OK-03-121217MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	53.7	80.5
111	39.0	35.2	52.8

Manual Integrations
 APPROVED

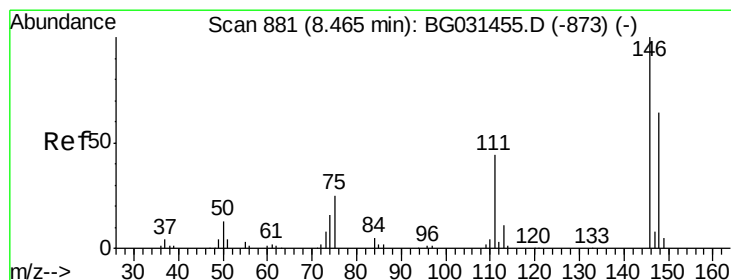


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E



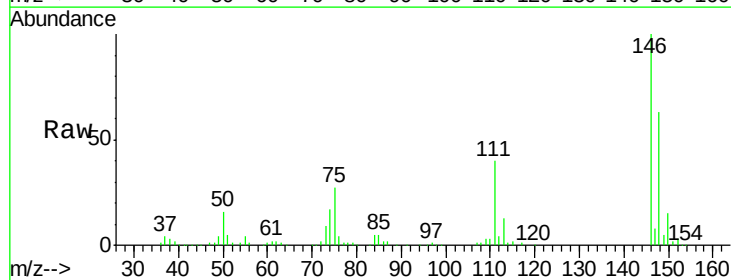
Sohil

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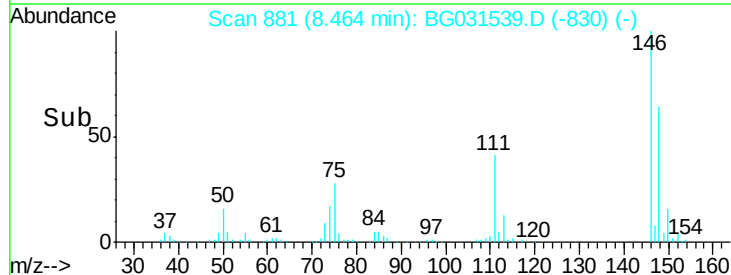
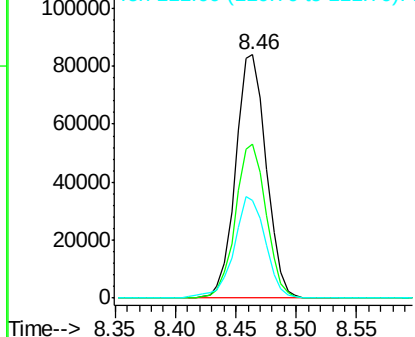


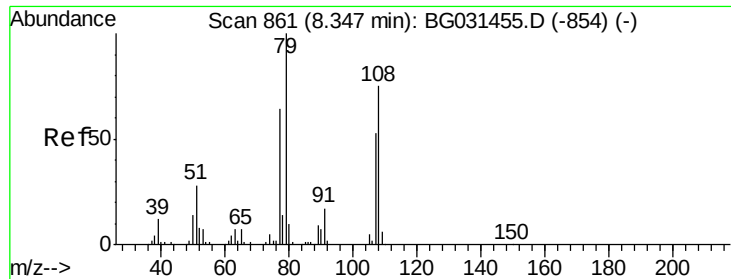
#14
 1,2-Dichlorobenzene
 Concen: 38.78 ng
 RT: 8.46 min Scan# 881
 Delta R.T. -0.00 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	49.3	73.9
111	40.2	34.3	51.5



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



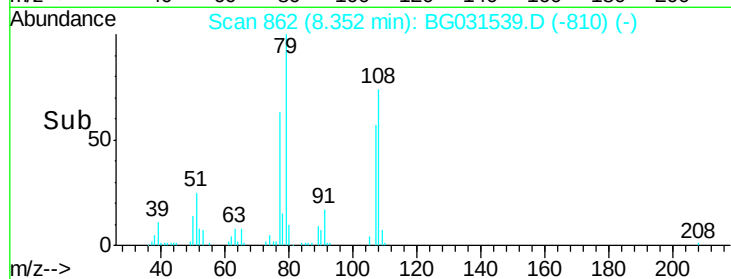
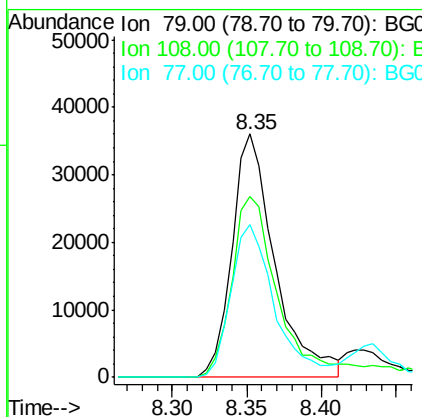
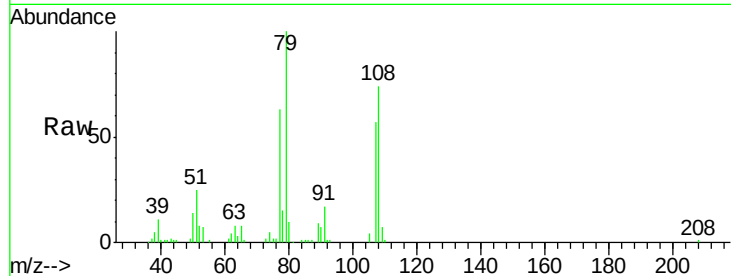


#15
Benzyl Alcohol
Concen: 22.83 ng
RT: 8.35 min Scan# 862
Delta R.T. 0.01 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

Instrument :
BNA_G
ClientSampleId :
OK-03-121217MSD

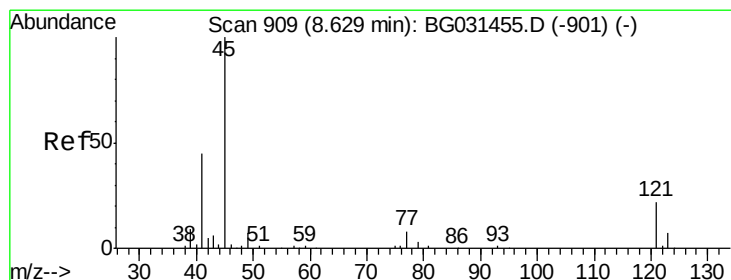
Tgt Ion	Ratio	Lower	Upper
79	100		
108	74.0	57.2	85.8
77	62.6	46.1	69.1

Manual Integrations
APPROVED



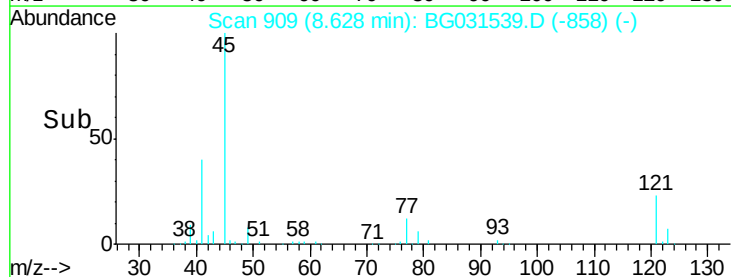
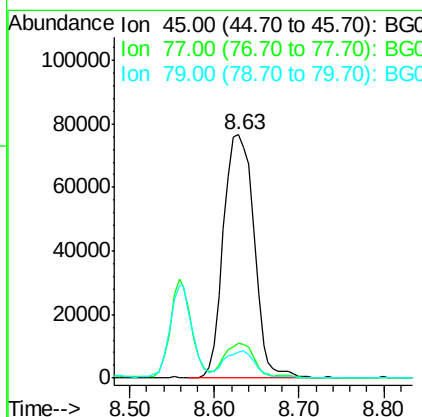
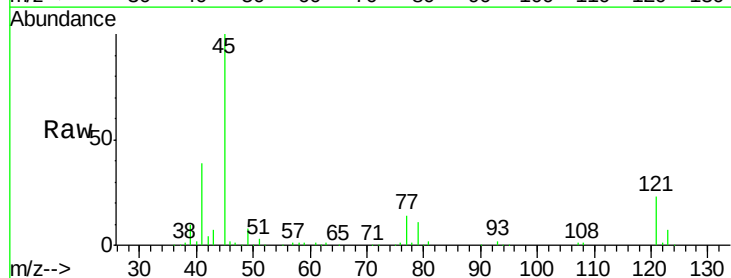
Sohil

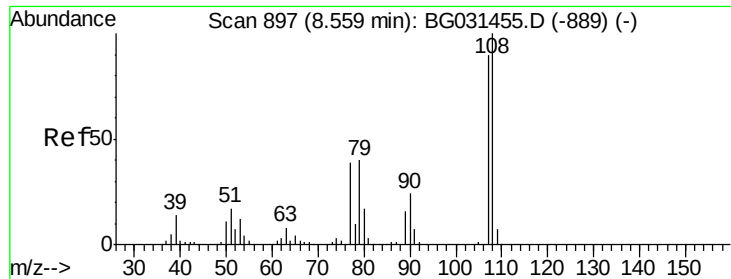
12/15/2017 7:48:02 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.52 ng
RT: 8.63 min Scan# 909
Delta R.T. -0.00 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.4	0.0	30.2
79	10.7	0.0	27.9



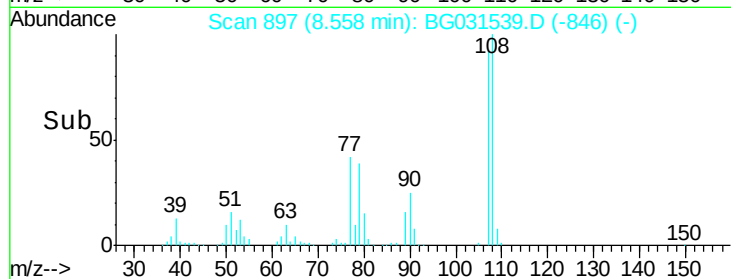
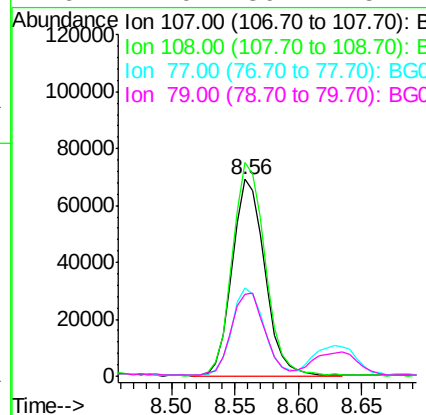
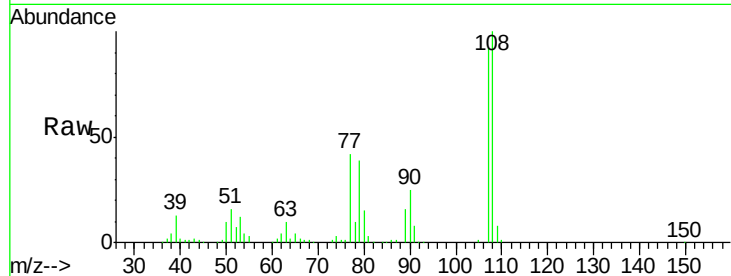


#17
2-Methylphenol
Concen: 43.18 ng
RT: 8.56 min Scan# 897
Delta R.T. -0.00 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

Instrument :
BNA_G
ClientSampleId :
OK-03-121217MSD

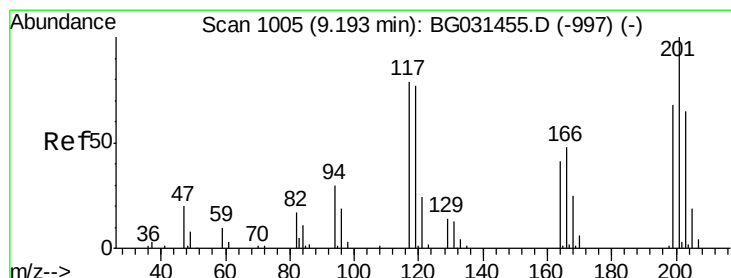
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	122357		
108	108.6	83.9	125.9	
77	45.2	37.2	55.8	
79	42.0	36.2	54.2	

Manual Integrations
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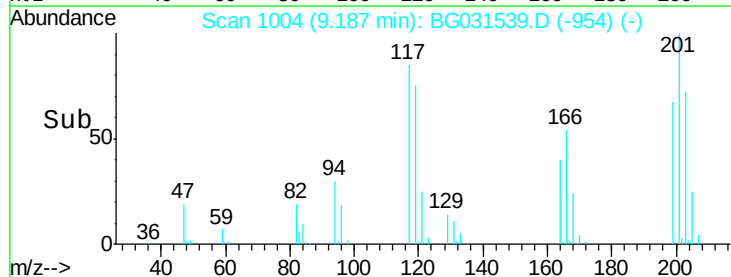
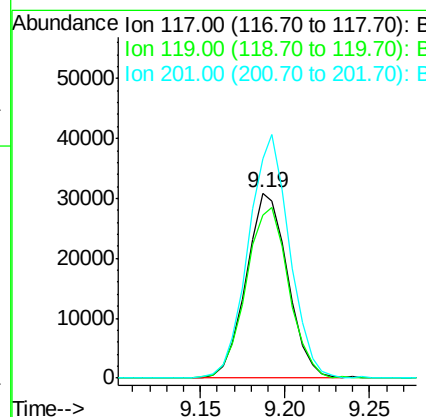
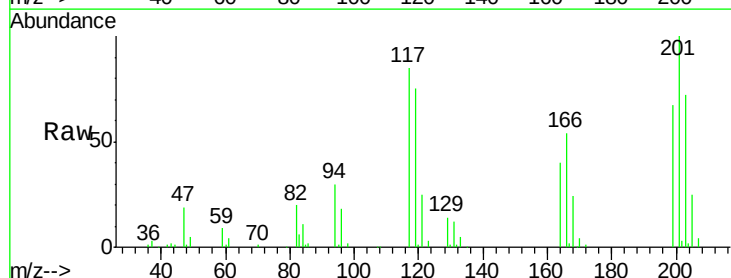
Sohil

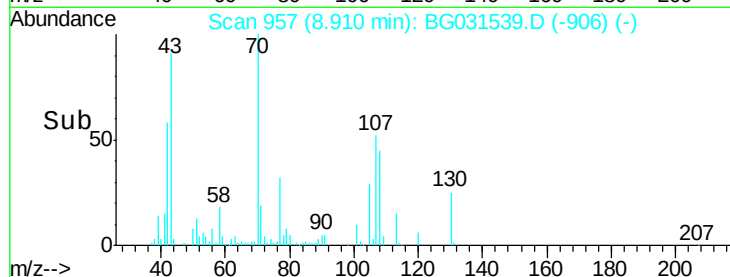
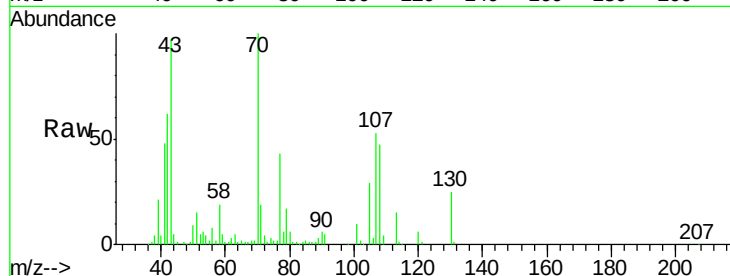
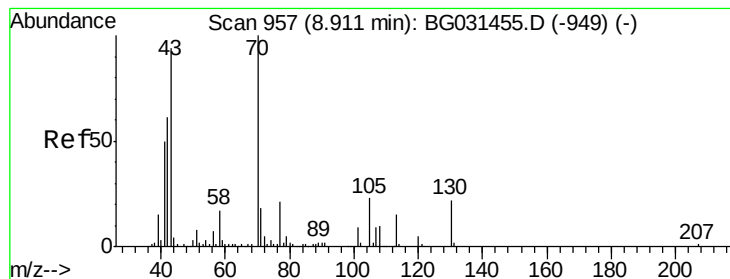
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#18
Hexachloroethane
Concen: 38.79 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	52542		
119	88.0	76.7	115.1	
201	118.1	95.7	143.5	





#19

n-Nitroso-di-n-propylamine

Concen: 33.34 ng

RT: 8.91 min Scan# 957

Delta R.T. -0.00 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

Instrument :

BNA_G

ClientSampleId :

OK-03-121217MSD

Tgt Ion: 70 Resp: 106172

Ion Ratio Lower Upper

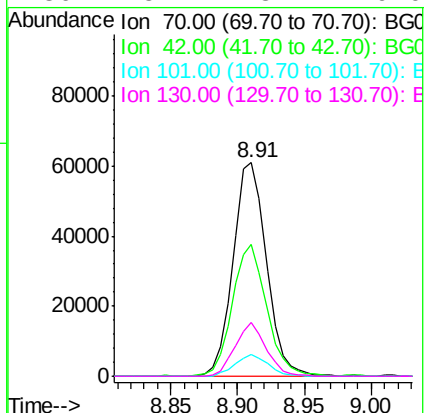
70 100

42 61.6 49.1 73.7

101 10.2 8.5 12.7

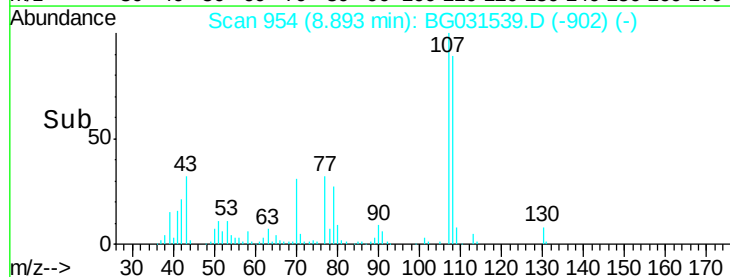
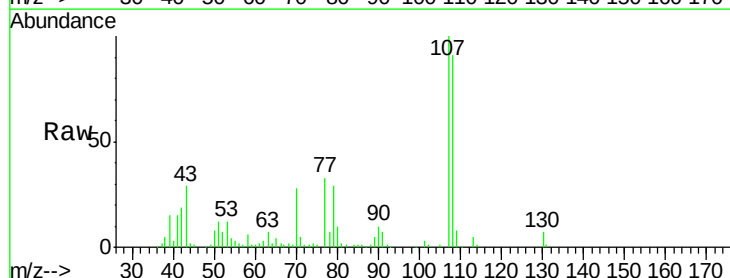
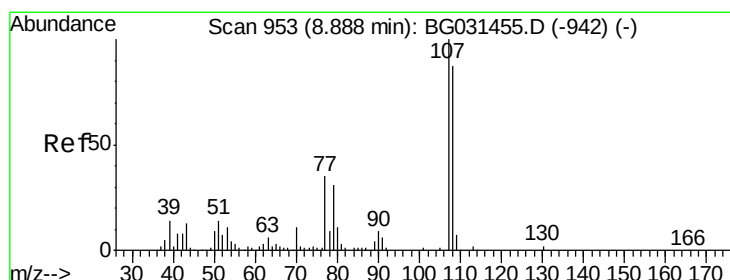
130 25.1 13.4 20.0#

Manual Integrations
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Sohil

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#20

3+4-Methylphenols

Concen: 40.25 ng

RT: 8.89 min Scan# 954

Delta R.T. 0.01 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

Tgt Ion: 107 Resp: 169906

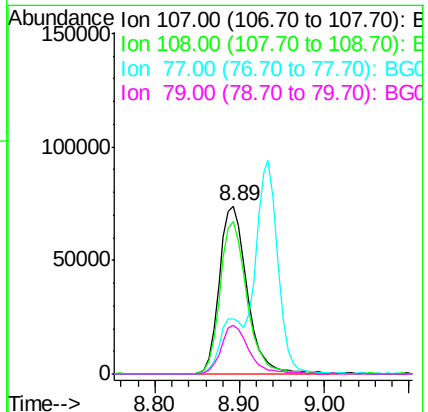
Ion Ratio Lower Upper

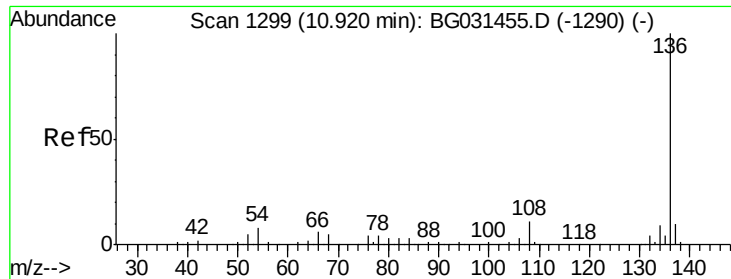
107 100

108 90.5 61.6 101.6

77 32.8 13.9 53.9

79 28.7 8.8 48.8



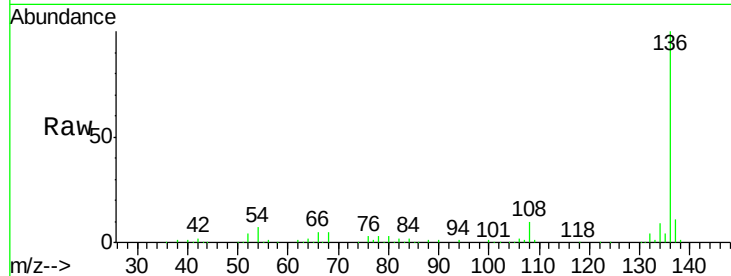


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

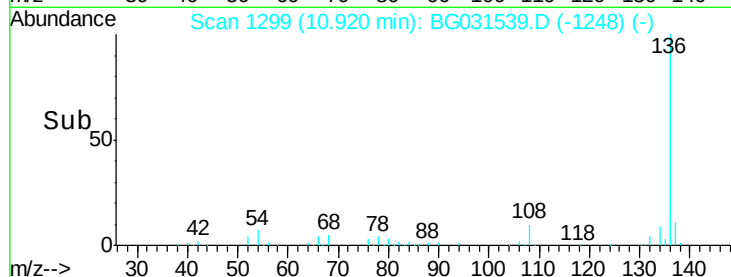
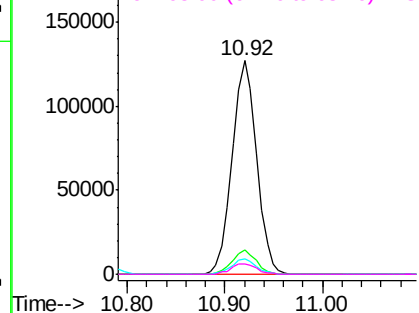
Instrument :
BNA_G
ClientSampleId :
OK-03-121217MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	220916		
137	11.1	9.2	13.8	
54	7.3	10.3	15.5	
68	5.0	4.5	6.7	

Manual Integrations
APPROVED

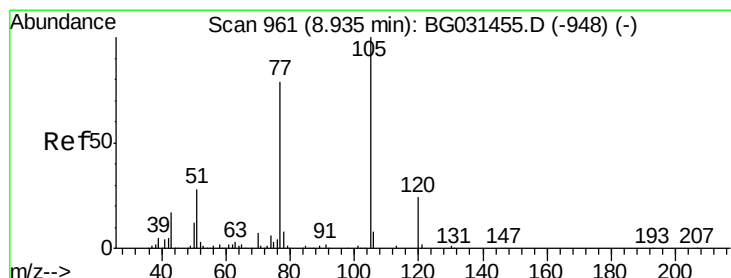


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Sohil

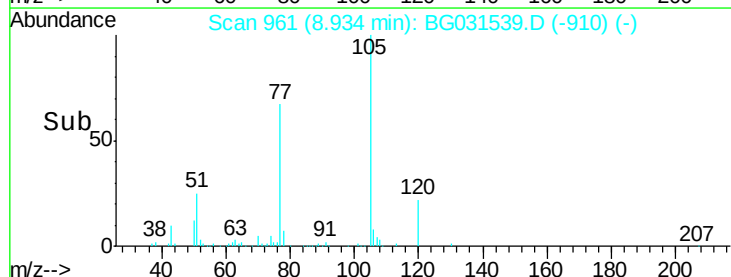
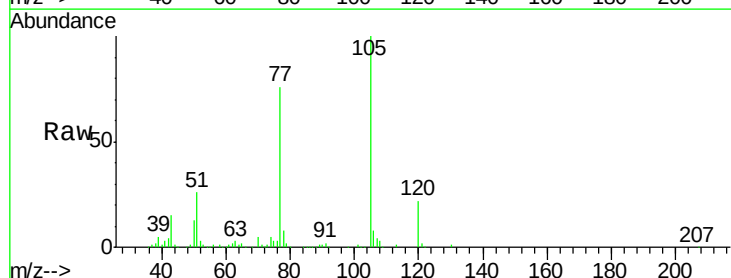
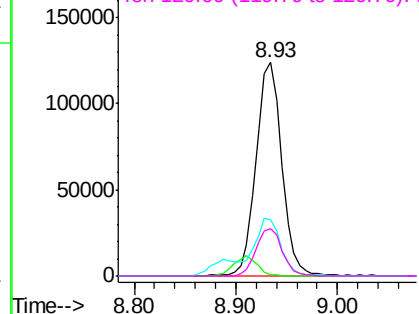
12/15/2017 7:48:02 PM

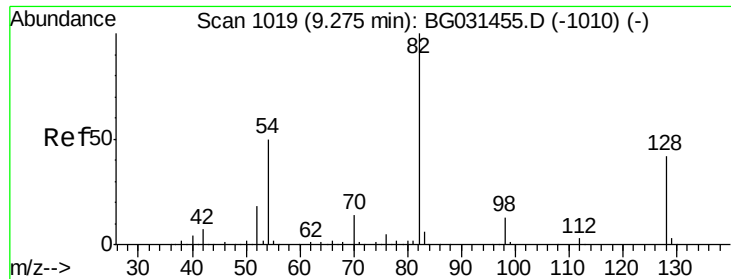


#22
Acetophenone
Concen: 41.58 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	220348		
71	0.7	3.0	4.4	
51	26.4	26.1	39.1	
120	22.1	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



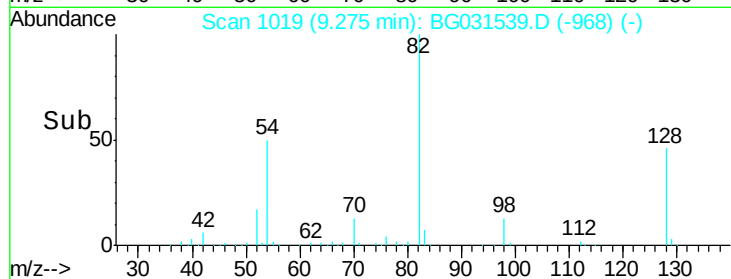
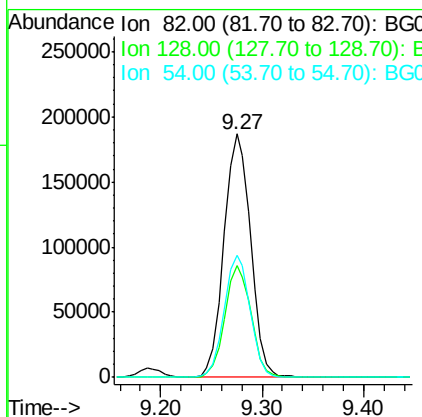
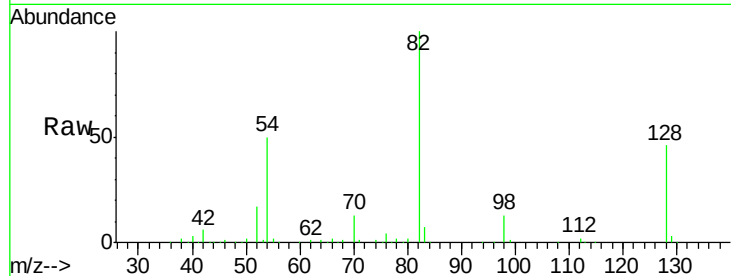


#23
 Nitrobenzene-d5
 Concen: 95.00 ng
 RT: 9.27 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-121217MSD

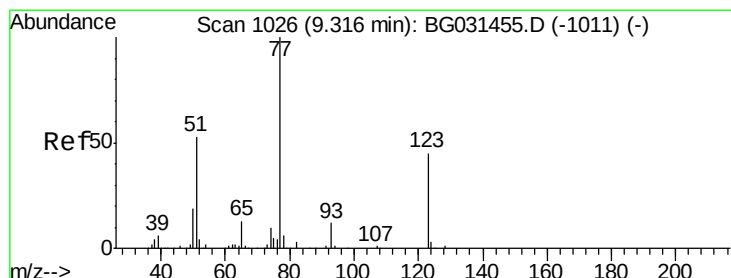
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.7	29.7	44.5#
54	50.2	43.1	64.7

Manual Integrations
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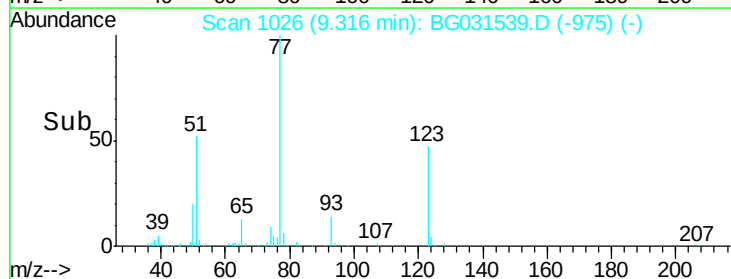
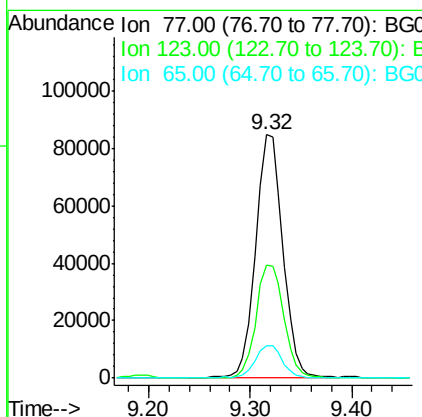
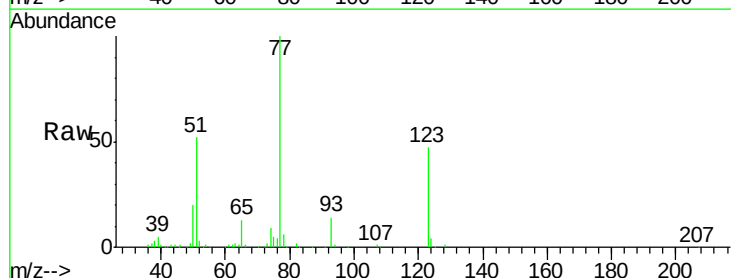
Sohil

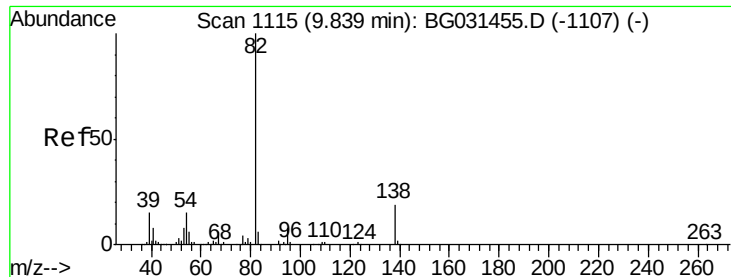
12/15/2017 7:48:02 PM



#24
 Nitrobenzene
 Concen: 43.09 ng
 RT: 9.32 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.6	33.0	49.6
65	13.2	13.0	19.6





#25

Isophorone

Concen: 44.82 ng

RT: 9.84 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

Instrument :

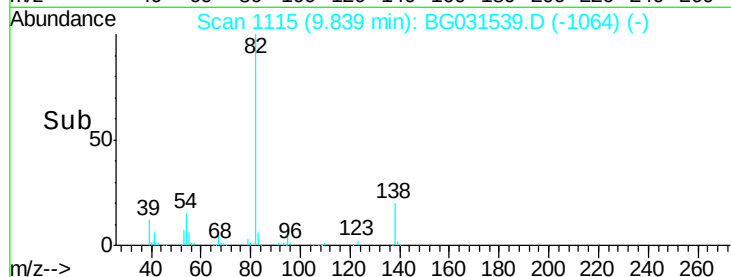
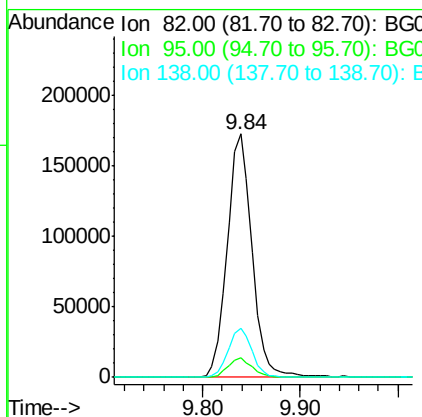
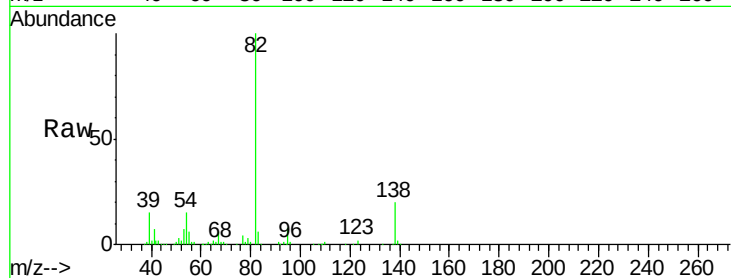
BNA_G

ClientSampleId :

OK-03-121217MSD

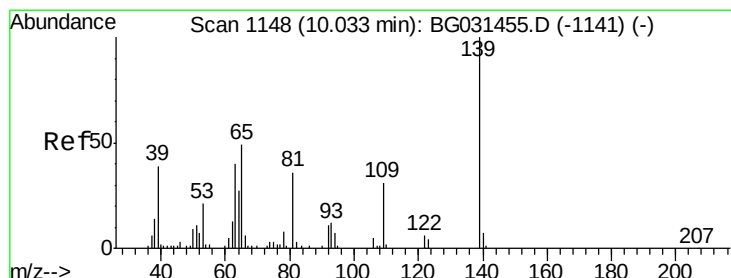
Tgt Ion:	82	Resp:	303571
Ion Ratio		Lower	Upper
82	100		
95	7.8	6.2	9.2
138	20.0	12.1	18.1#

Manual Integrations
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Sohil

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#26

2-Nitrophenol

Concen: 46.91 ng

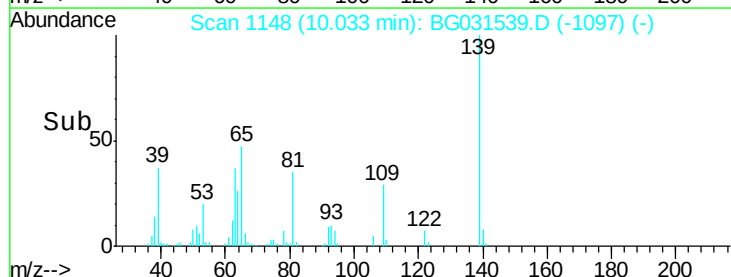
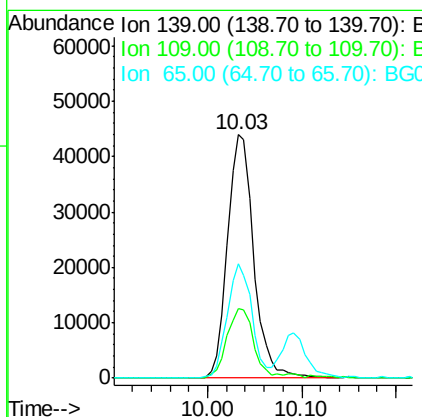
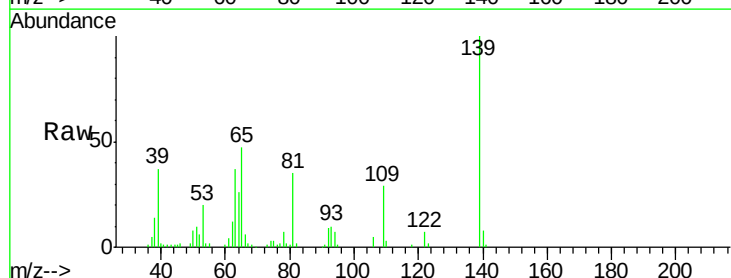
RT: 10.03 min Scan# 1148

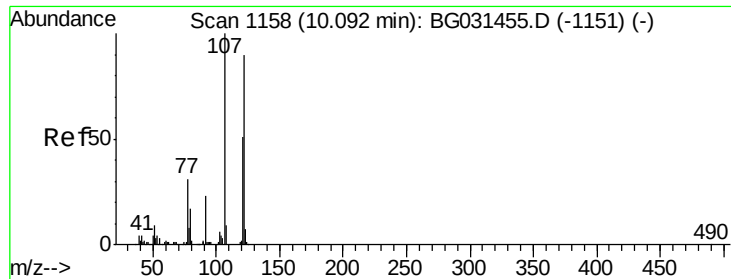
Delta R.T. -0.00 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

Tgt Ion:	139	Resp:	85195
Ion Ratio		Lower	Upper
139	100		
109	28.7	24.2	36.2
65	46.8	47.4	71.0#



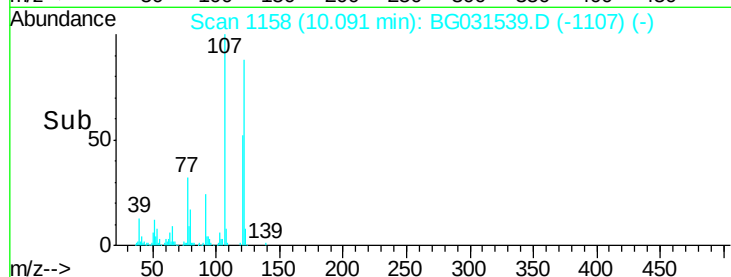
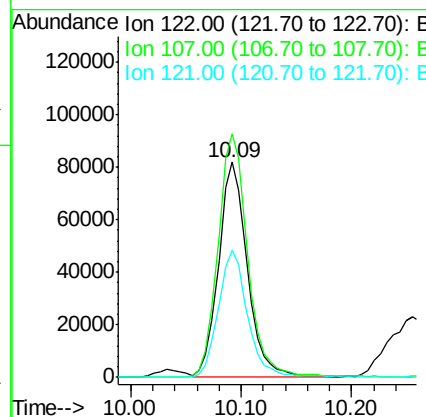
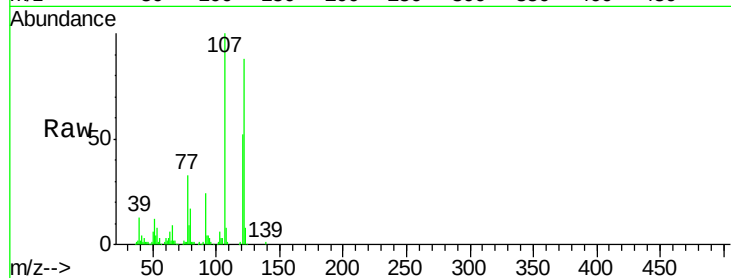


#27
2,4-Dimethylphenol
Concen: 53.32 ng
RT: 10.09 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

Instrument :
BNA_G
ClientSampleId :
OK-03-121217MSD

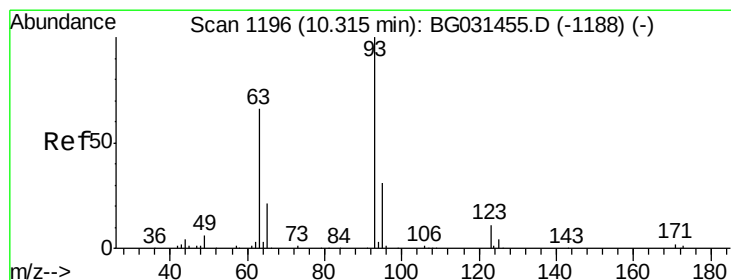
Tgt Ion	Ratio	Lower	Upper
122	100		
107	113.2	100.2	150.2
121	58.9	44.4	66.6

Manual Integrations
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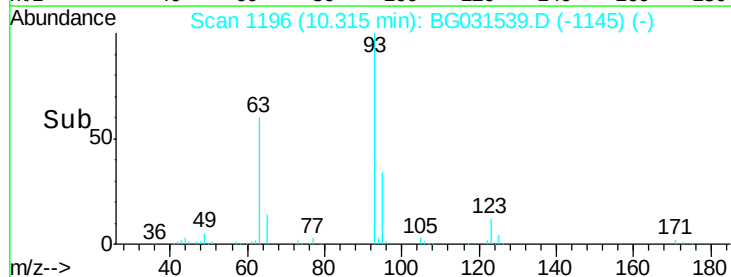
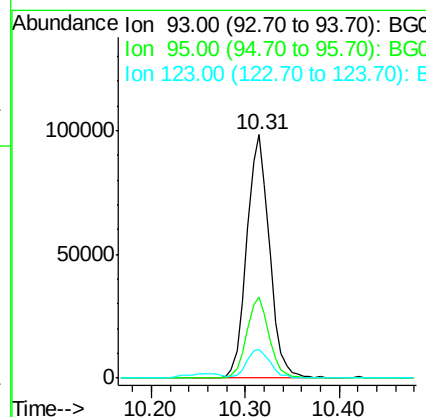
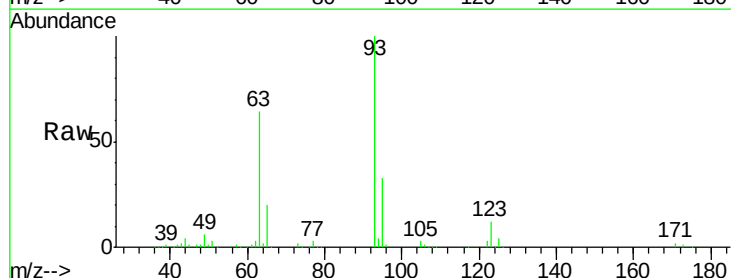
Sohil

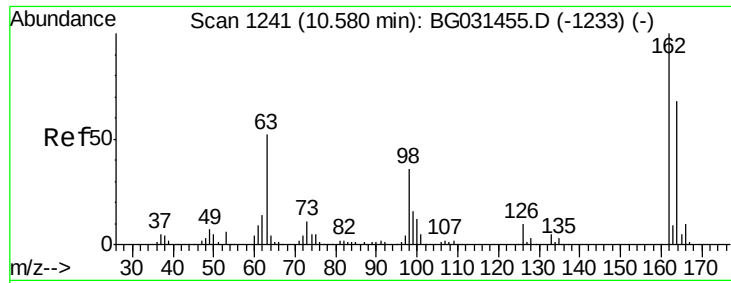
12/15/2017 7:48:02 PM



#28
bis(2-Chloroethoxy)methane
Concen: 37.60 ng
RT: 10.31 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	24.3	36.5
123	12.0	8.4	12.6



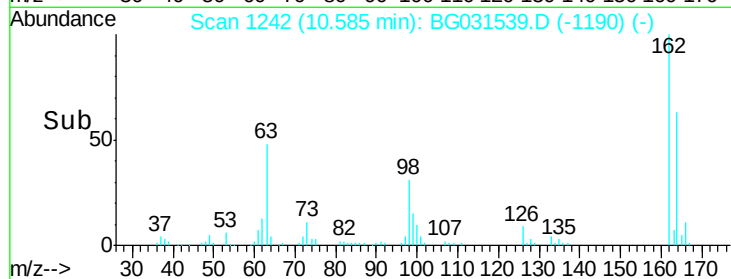
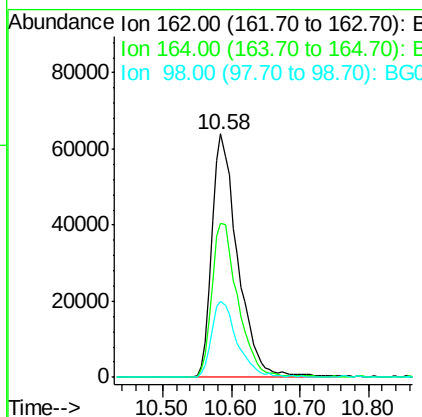
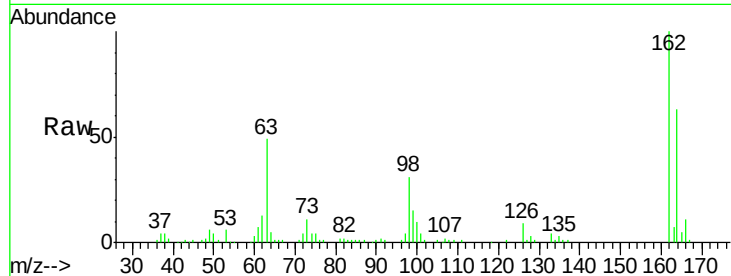


#29
 2,4-Dichlorophenol
 Concen: 51.28 ng
 RT: 10.58 min Scan# 1242
 Delta R.T. 0.01 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-121217MSD

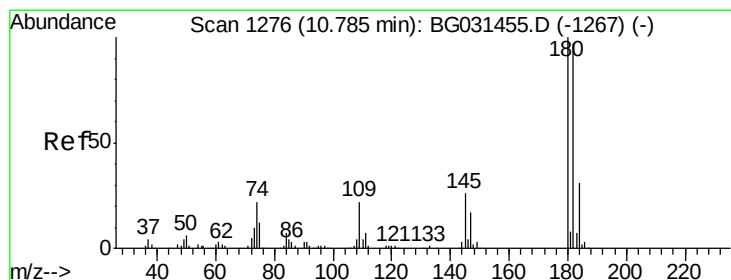
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	166683		
164	63.4	48.0	88.0	
98	31.0	21.1	61.1	

Manual Integrations
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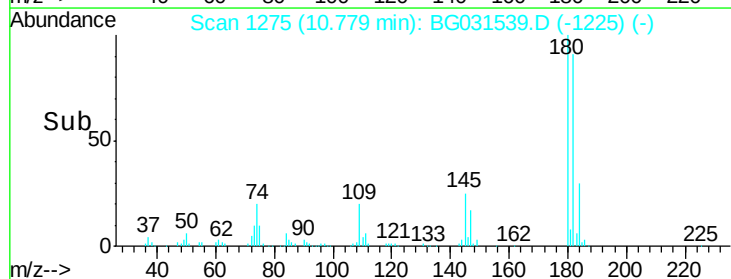
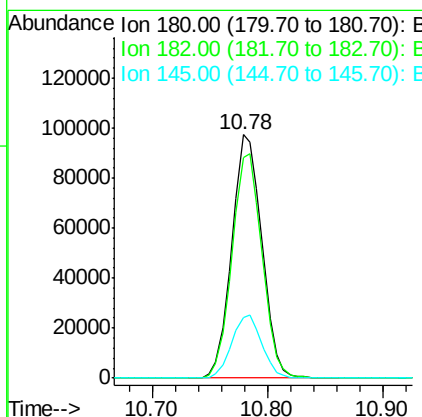
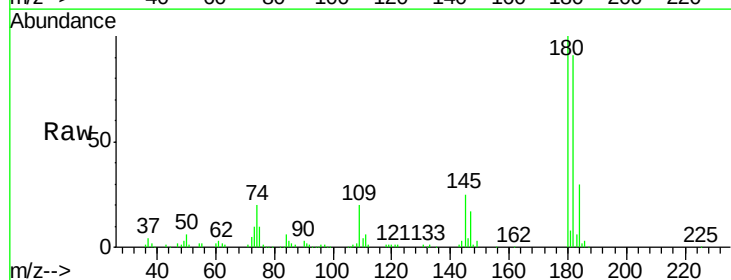
Sohil

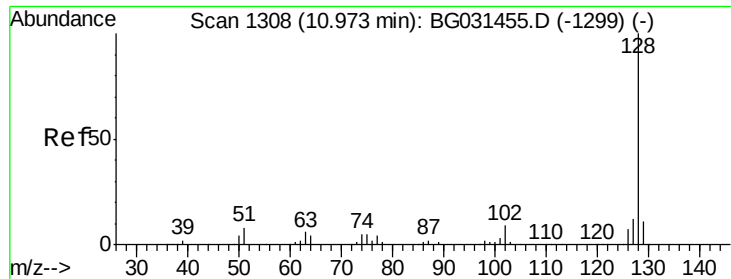
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.21 ng
 RT: 10.78 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	175269		
182	90.8	77.5	116.3	
145	25.0	23.4	35.2	



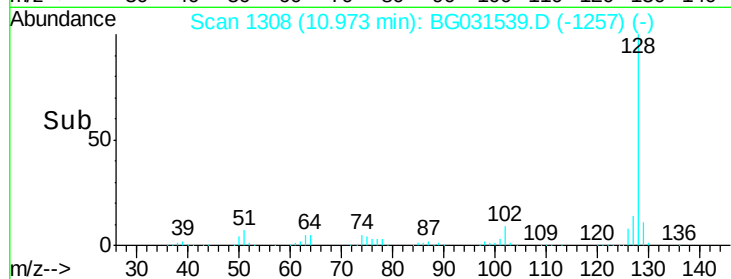
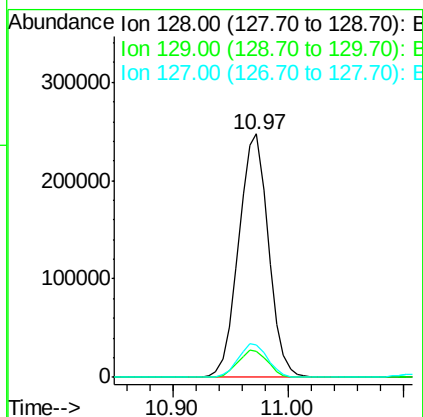
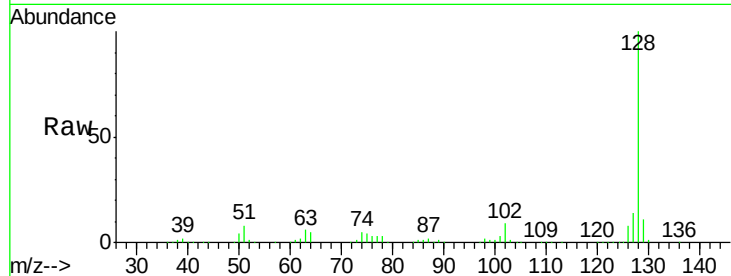


#31
Naphthalene
Concen: 40.67 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

Instrument :
BNA_G
ClientSampleId :
OK-03-121217MSD

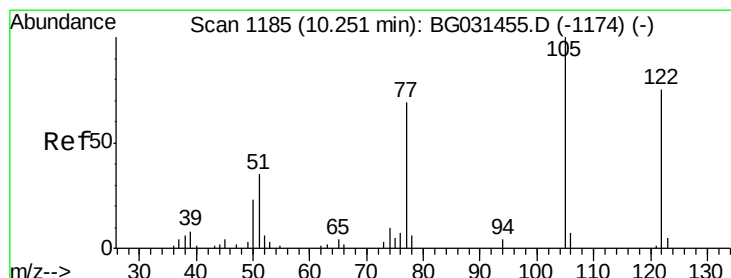
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	12.8
127	13.5	11.6	17.4

Manual Integrations
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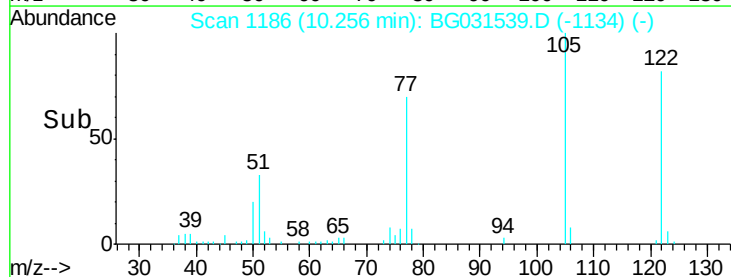
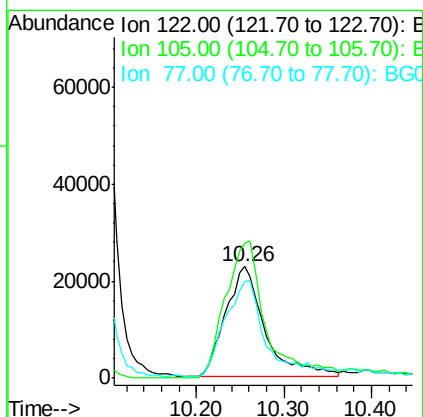
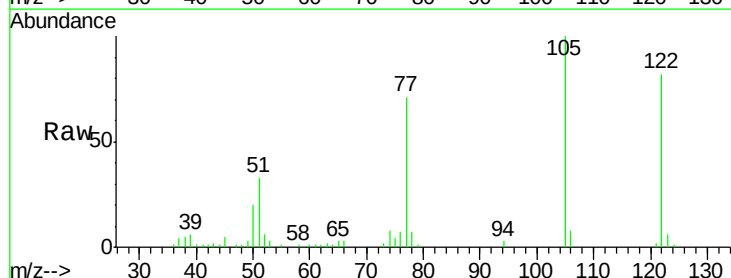
Sohil

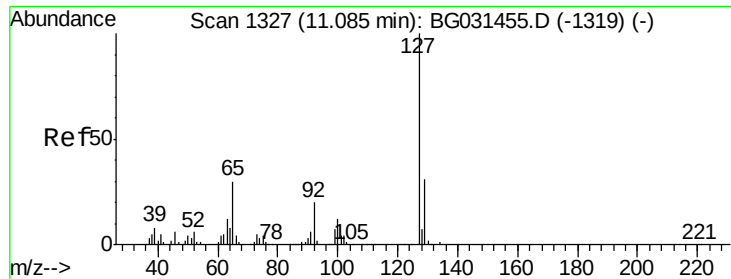
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#32
Benzoic acid
Concen: 44.82 ng
RT: 10.26 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.4	123.5	163.5#
77	86.1	85.7	125.7



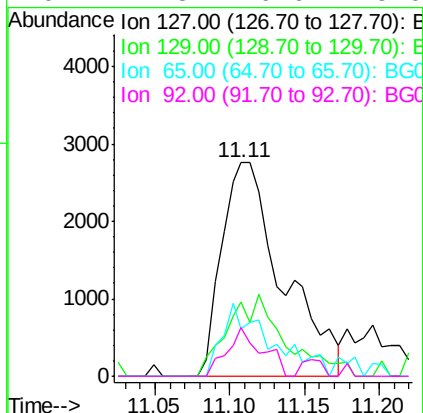
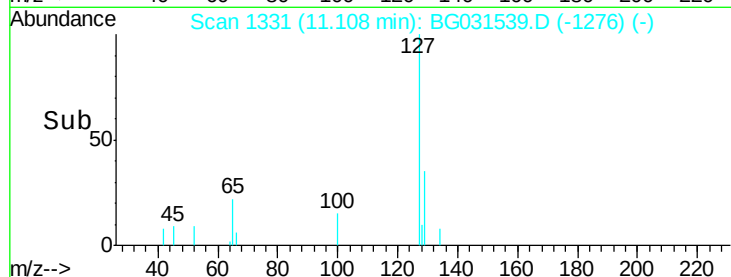
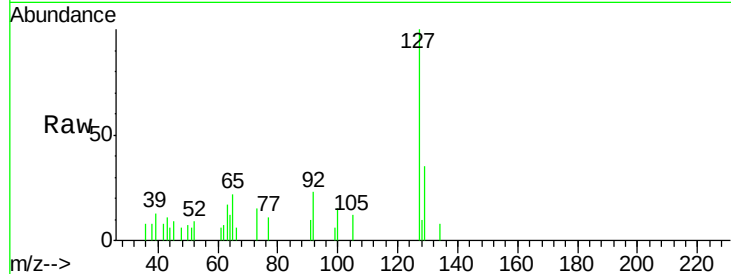


#33
4-Chloroaniline
Concen: 1.67 ng
RT: 11.11 min Scan# 1331
Delta R.T. 0.02 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

Instrument :
BNA_G
ClientSampleId :
OK-03-121217MSD

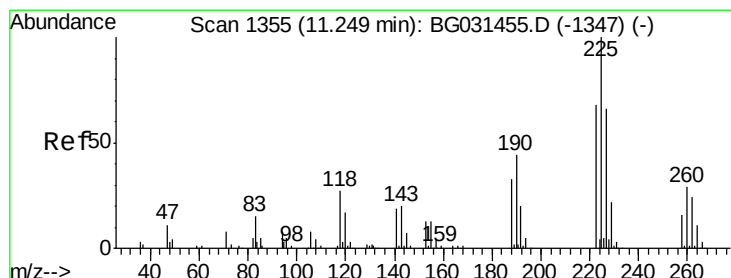
Tgt Ion	Ratio	Lower	Upper
127	100		
129	34.7	24.0	36.0
65	22.2	27.0	40.4
92	22.8	16.6	25.0

Manual Integrations
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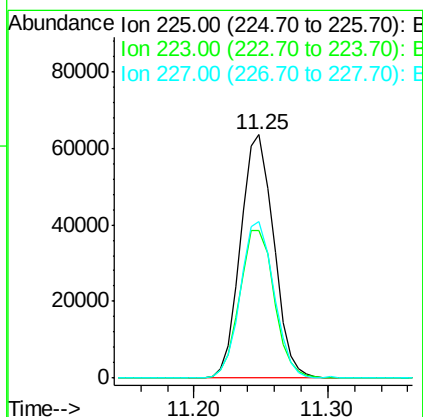
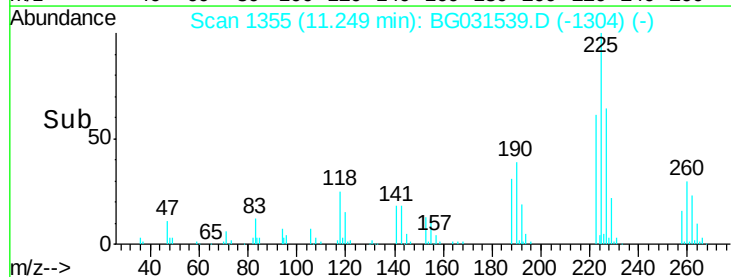
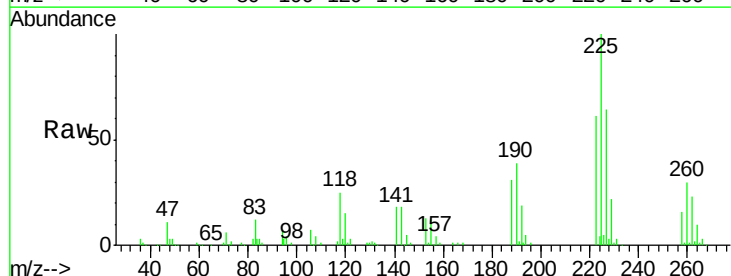
Sohil

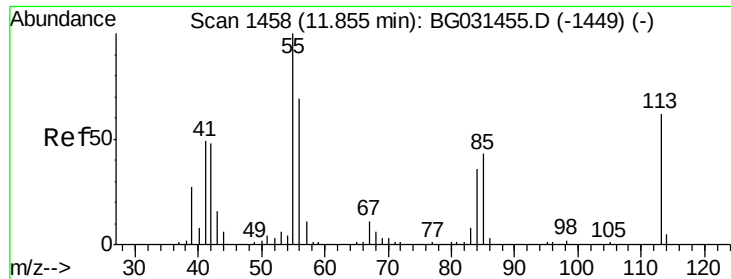
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#34
Hexachlorobutadiene
Concen: 39.70 ng
RT: 11.25 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	49.7	74.5
227	64.3	48.1	72.1



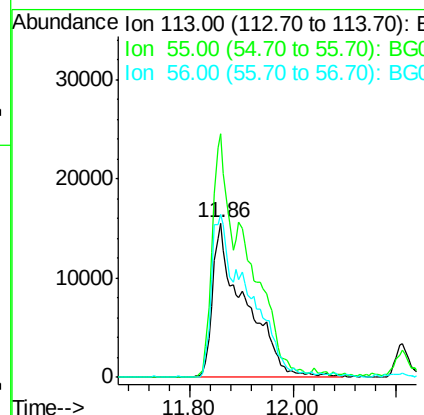
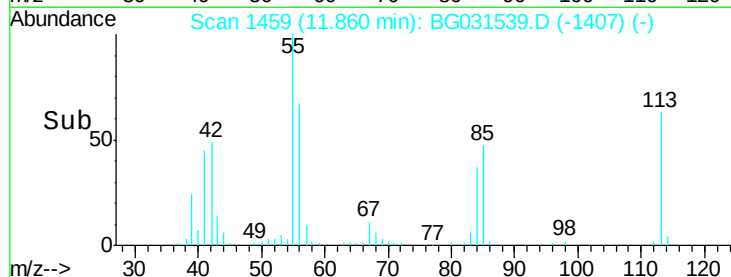
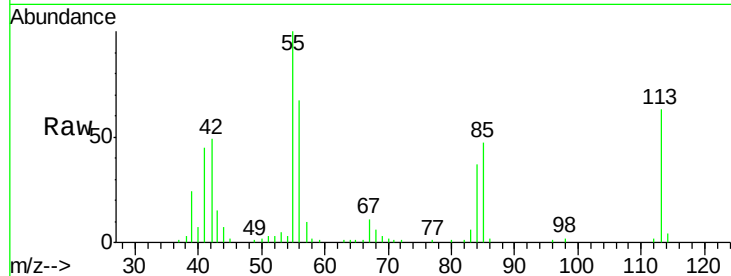


#35
 Caprolactam
 Concen: 53.14 ng m
 RT: 11.86 min Scan# 1459
 Delta R.T. 0.01 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-121217MSD

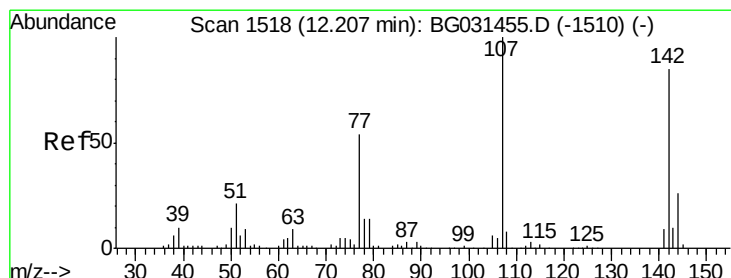
Tgt Ion: 113 Resp: 67819
 Ion Ratio Lower Upper
 113 100
 55 158.0 186.9 226.9#
 56 105.9 130.9 170.9#

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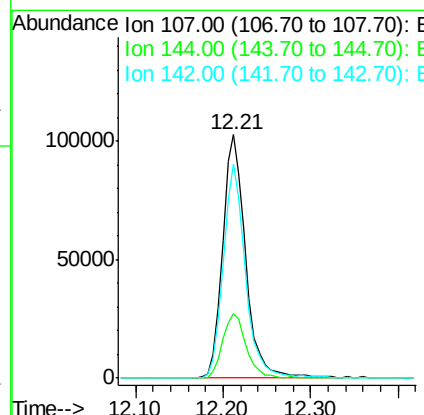
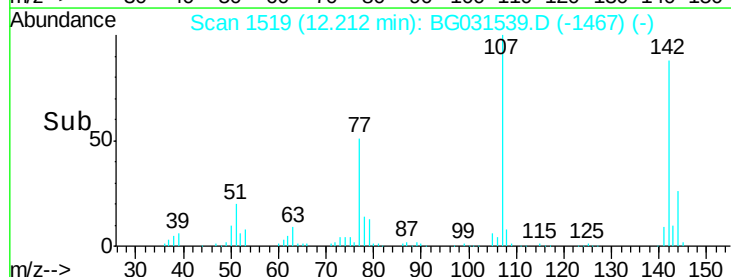
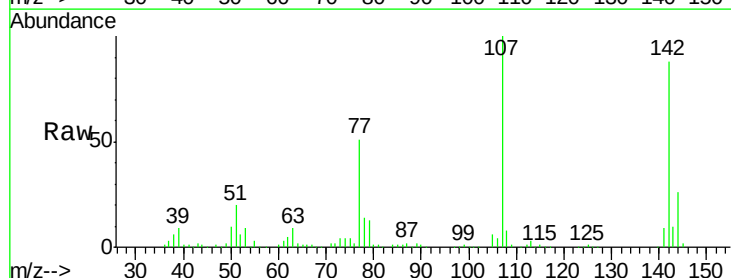
Sohil

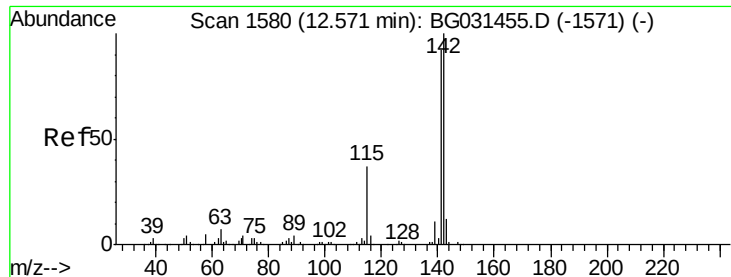
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#36
 4-Chloro-3-methylphenol
 Concen: 50.25 ng
 RT: 12.21 min Scan# 1519
 Delta R.T. 0.01 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

Tgt Ion: 107 Resp: 186438
 Ion Ratio Lower Upper
 107 100
 144 26.3 18.2 27.4
 142 88.0 59.0 88.4





#37

2-Methylnaphthalene

Concen: 42.33 ng

RT: 12.57 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

Instrument :

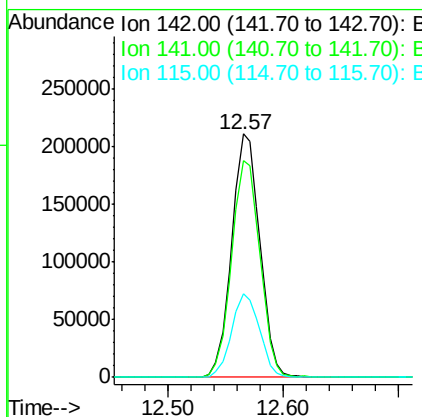
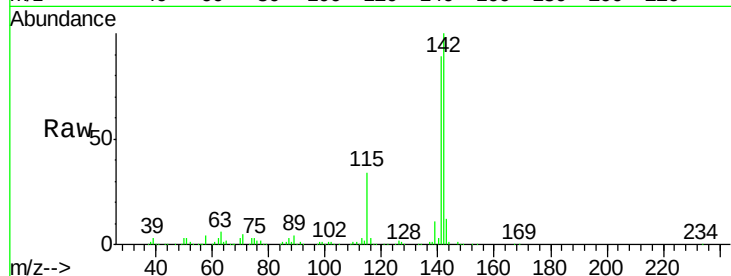
BNA_G

ClientSampleId :

OK-03-121217MSD

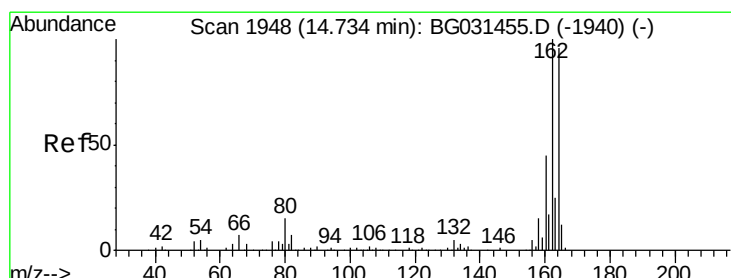
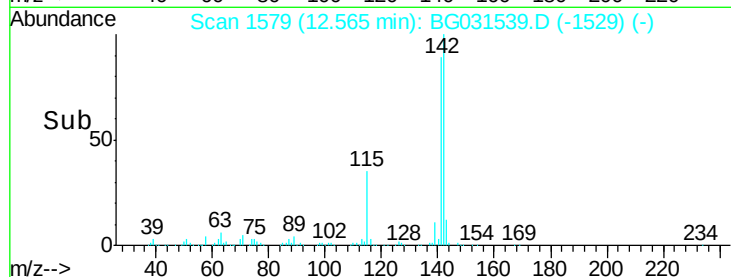
Tgt Ion:	142	Resp:	355668
Ion Ratio	Lower	Upper	
142	100		
141	89.0	67.1	100.7
115	34.4	30.7	46.1

Manual Integrations
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#38

Acenaphthene-d10

Concen: 20.00 ng

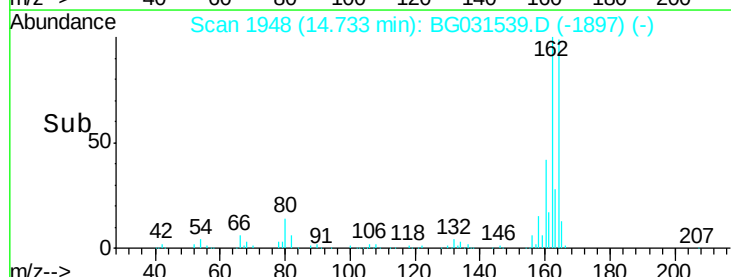
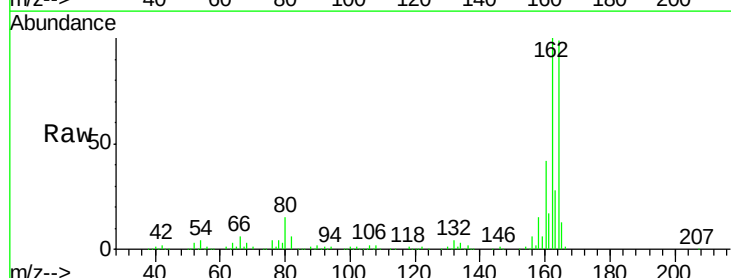
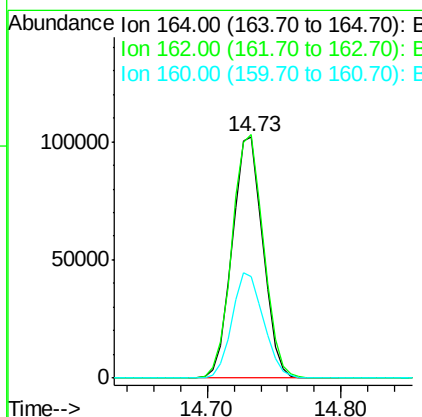
RT: 14.73 min Scan# 1948

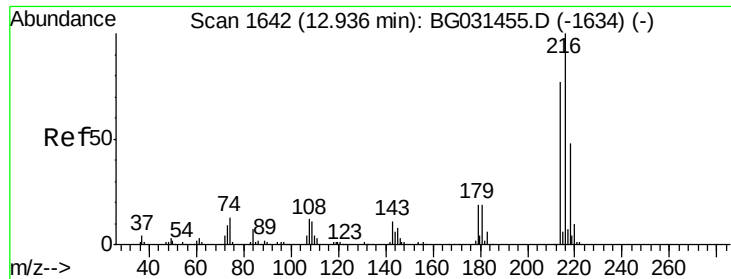
Delta R.T. -0.00 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

Tgt Ion:	164	Resp:	162736
Ion Ratio	Lower	Upper	
164	100		
162	100.9	78.8	118.2
160	42.2	35.4	53.0



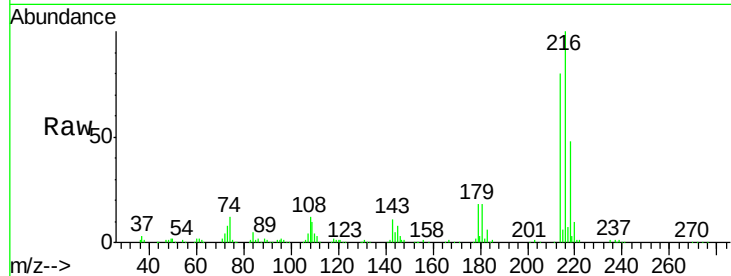


#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.54 ng
 RT: 12.94 min Scan# 1642
 Delta R.T. -0.00 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

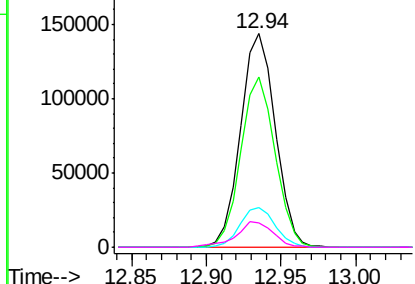
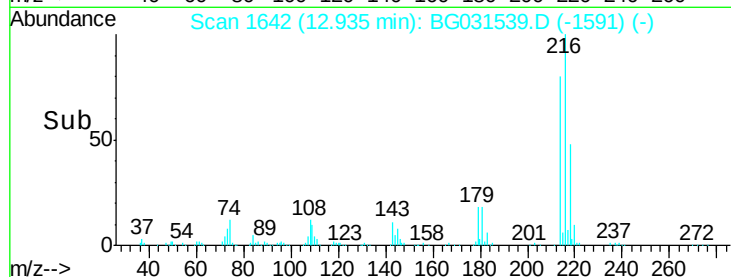
Instrument :
 BNA_G
 ClientSampleId :
 OK-03-121217MSD

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.0	94.4
179	18.9	17.0	25.6
108	12.9	12.8	19.2

Manual Integrations
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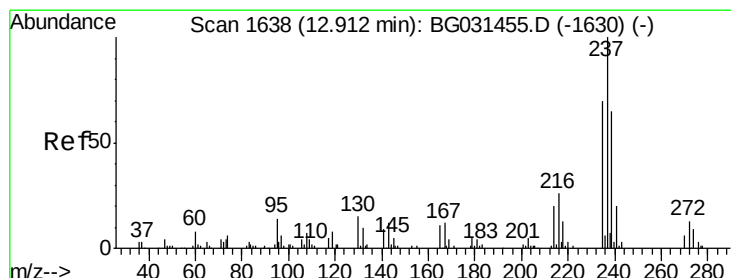


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E



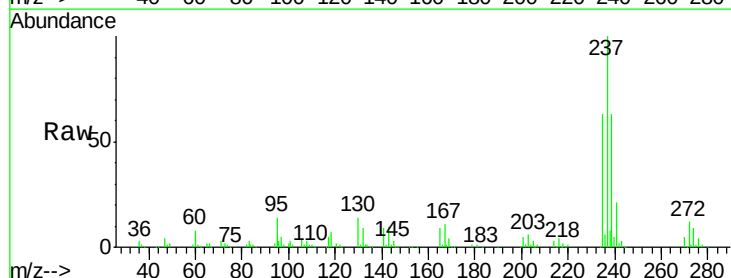
Sohil

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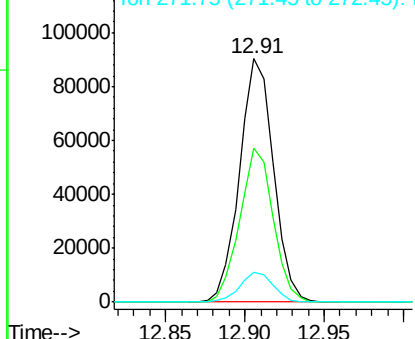
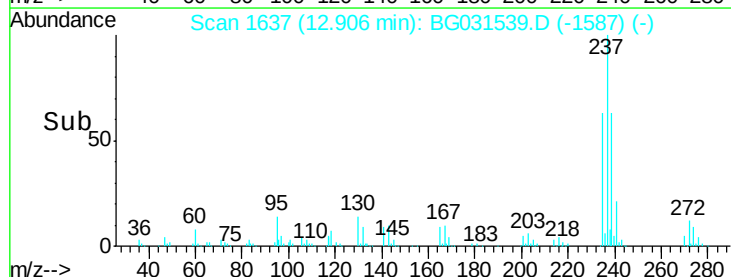


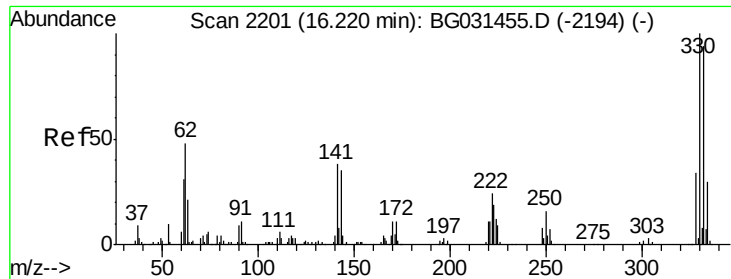
#40
 Hexachlorocyclopentadiene
 Concen: 66.79 ng
 RT: 12.91 min Scan# 1637
 Delta R.T. -0.01 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.1	50.4	90.4
272	12.2	0.0	31.8



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E



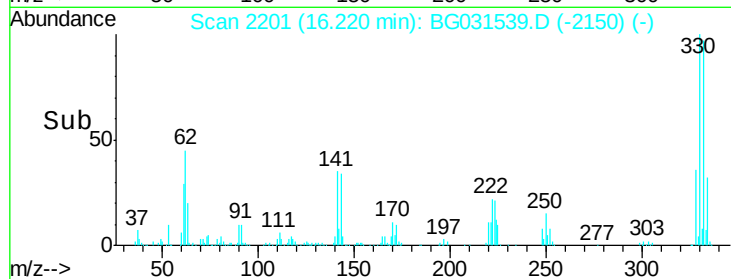
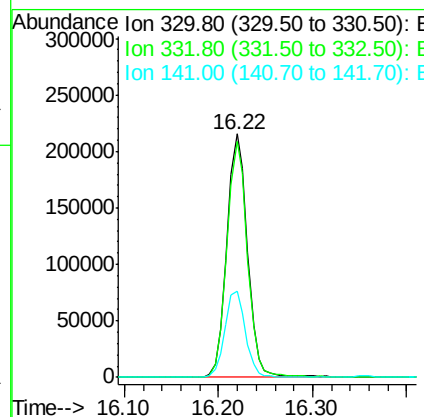
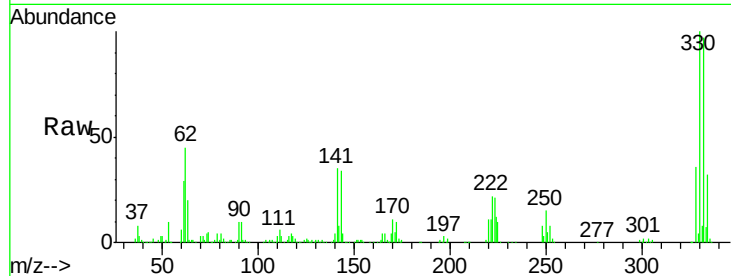


#41
 2,4,6-Tribromophenol
 Concen: 173.47 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-121217MSD

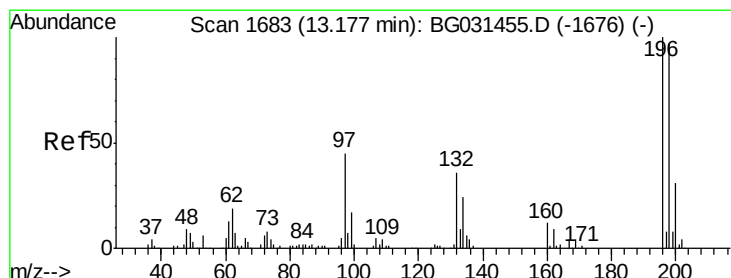
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	330725		
332	96.3	77.0	115.6	
141	35.8	25.2	37.8	

Manual Integrations
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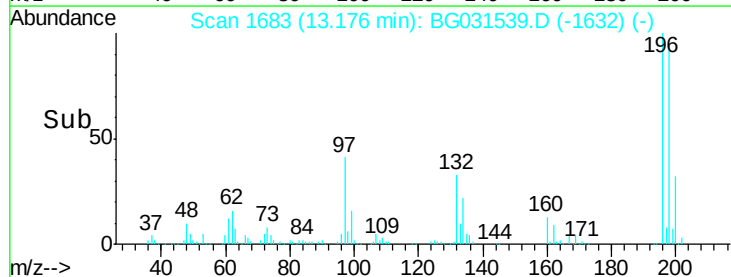
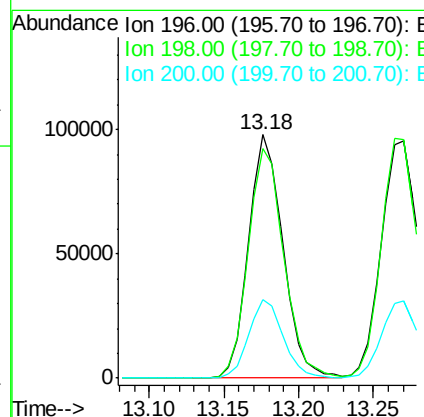
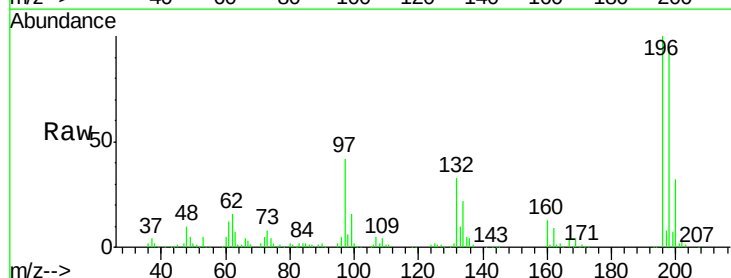
Sohil

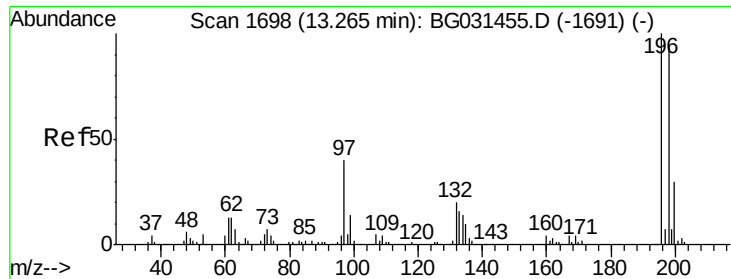
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#42
 2,4,6-Trichlorophenol
 Concen: 48.03 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	156066		
198	94.4	78.2	117.2	
200	32.3	24.6	36.8	



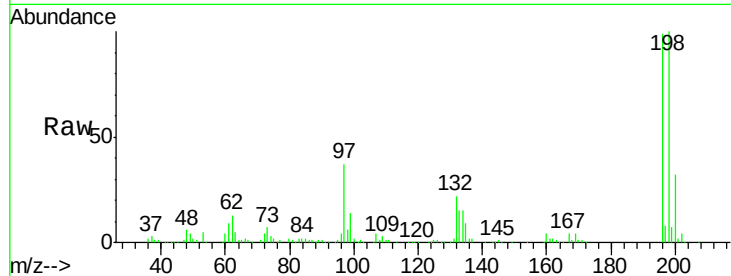


#43
 2,4,5-Trichlorophenol
 Concen: 51.22 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. 0.01 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-121217MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	179299		
198	100.5	76.2	114.4	
97	37.6	38.7	58.1	
132	21.8	20.2	30.2	

Manual Integrations
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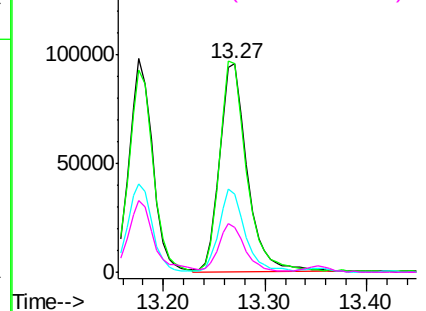
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

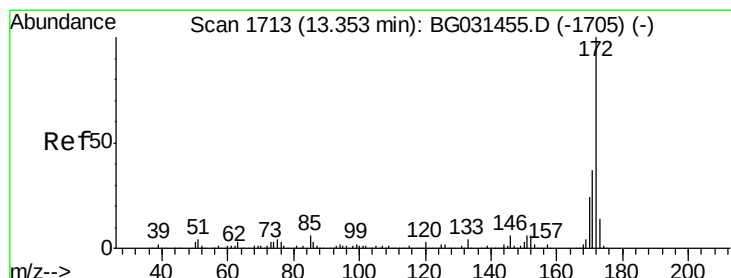
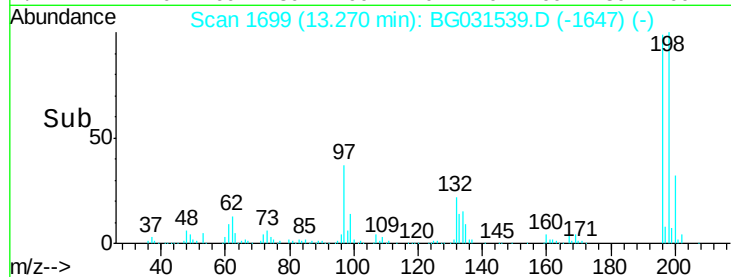
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



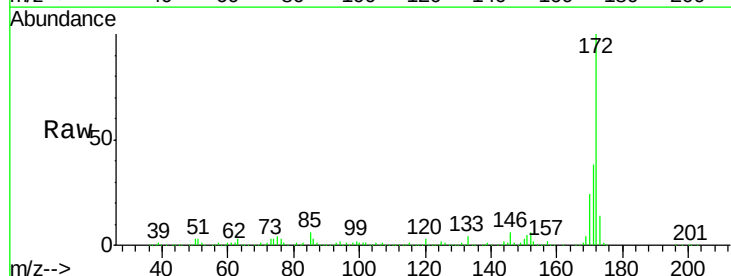
Sohil

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#44
 2-Fluorobiphenyl
 Concen: 87.36 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	968477		
171	37.6	30.0	45.0	
170	24.0	19.5	29.3	

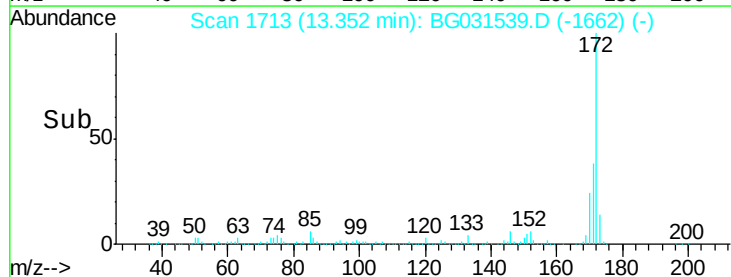
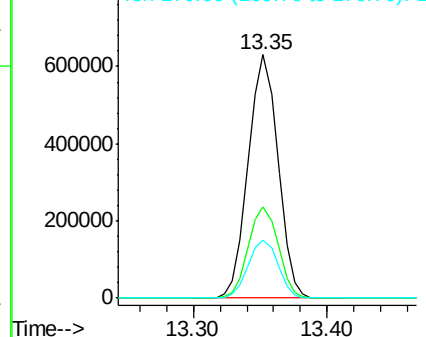


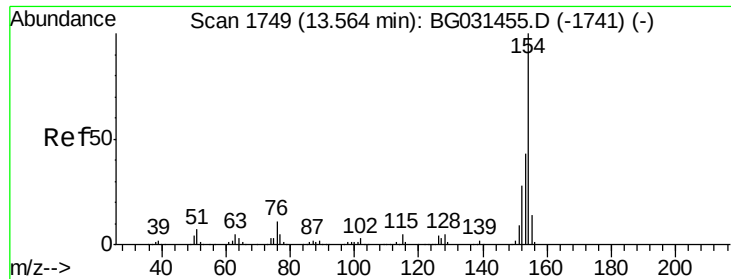
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



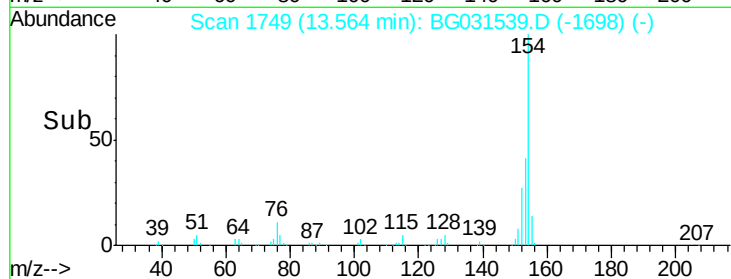
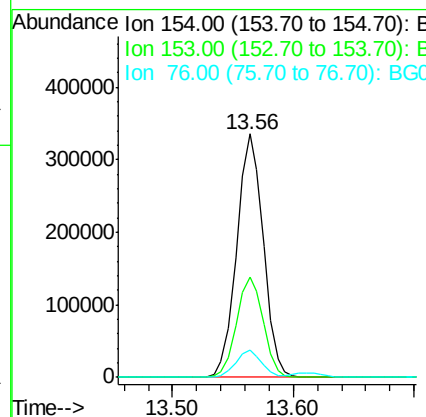
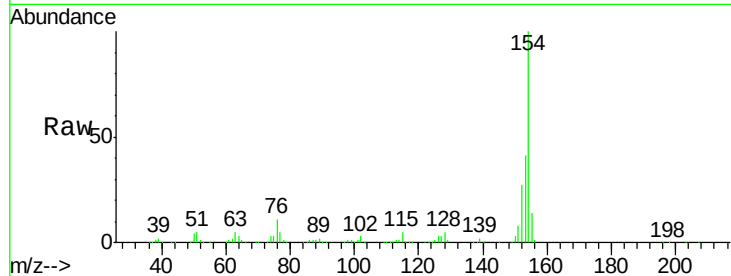


#45
 1,1'-Biphenyl
 Concen: 38.42 ng
 RT: 13.56 min Scan# 1749
 Delta R.T. -0.00 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-121217MSD

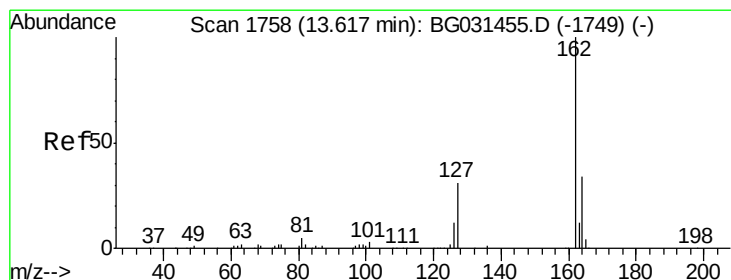
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	19.8	59.8
76	11.2	0.0	31.9

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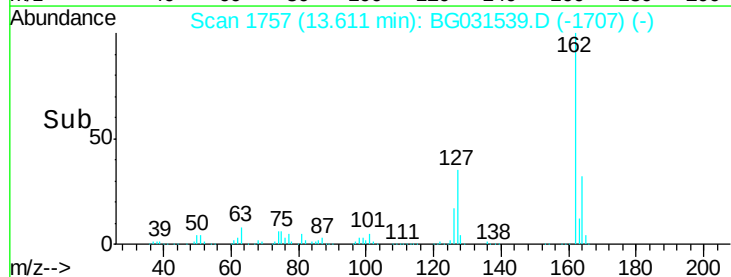
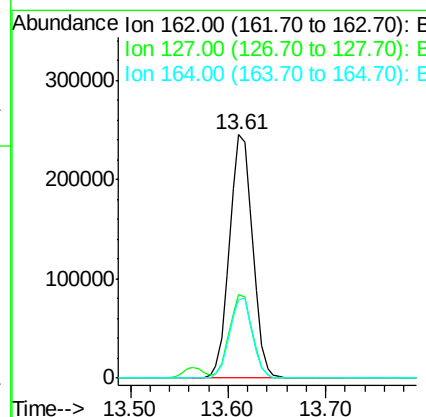
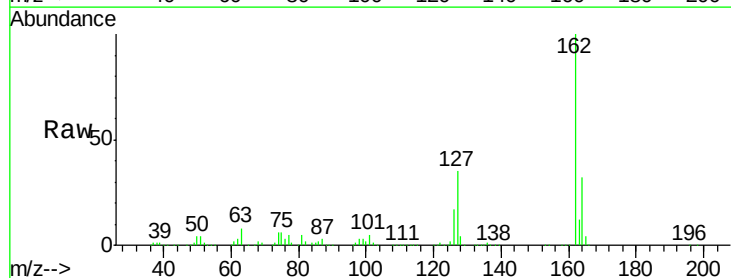
Sohil

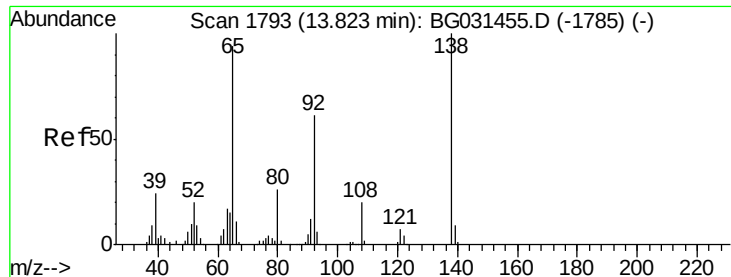
12/15/2017 7:48:02 PM



#46
 2-Chloronaphthalene
 Concen: 41.24 ng
 RT: 13.61 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

Tgt Ion	Ratio	Lower	Upper
162	100		
127	34.5	30.7	46.1
164	32.1	26.0	39.0



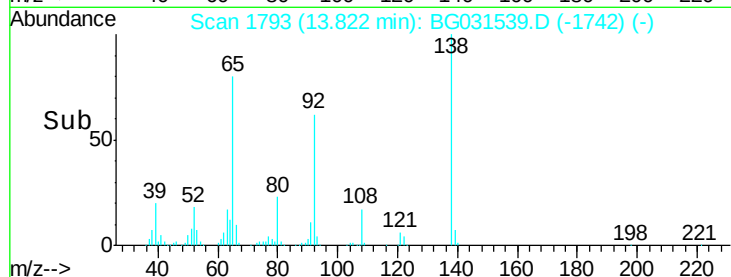
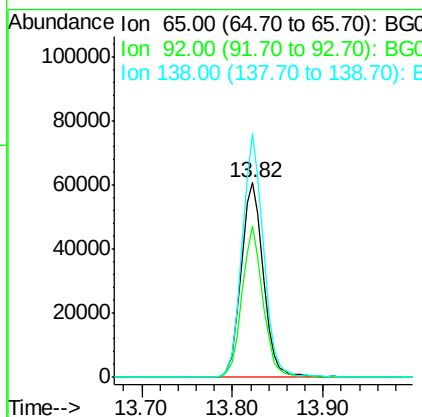
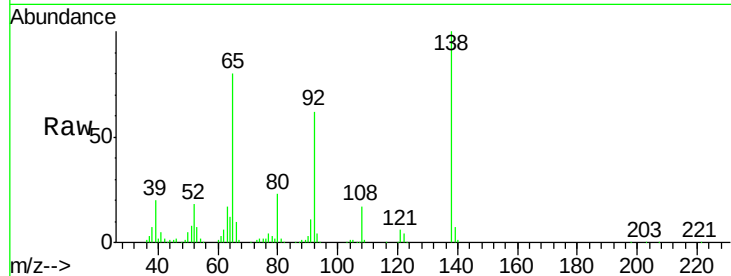


#47
2-Nitroaniline
Concen: 37.89 ng
RT: 13.82 min Scan# 1793
Delta R.T. -0.00 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

Instrument :
BNA_G
ClientSampleId :
OK-03-121217MSD

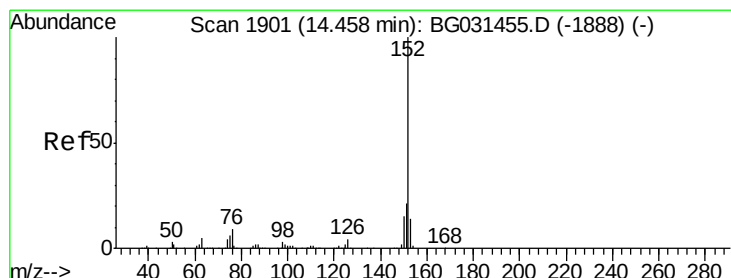
Tgt Ion	Ratio	Lower	Upper
65	100		
92	77.7	54.6	82.0
138	125.2	72.9	109.3

Manual Integrations
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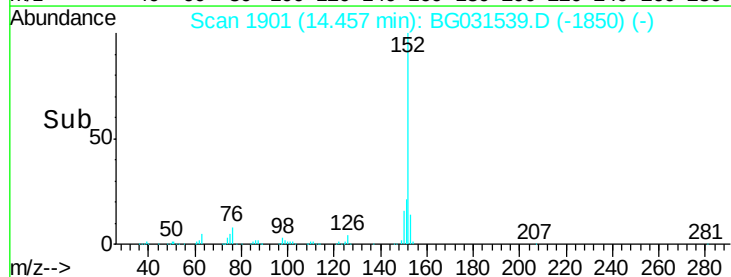
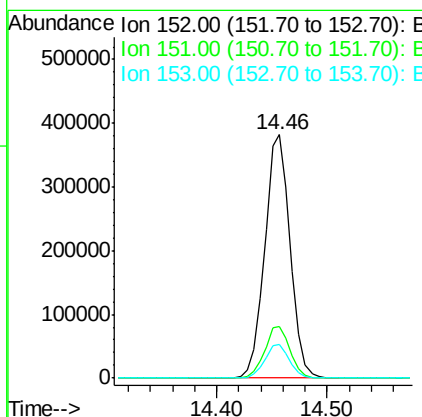
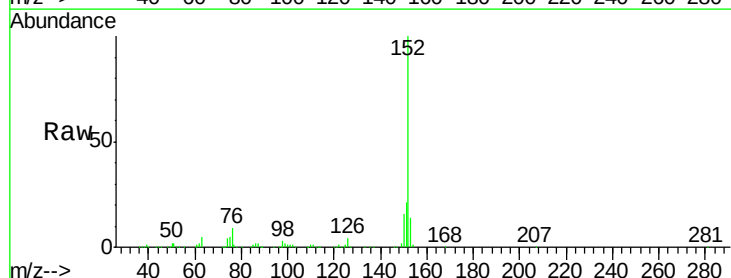
Sohil

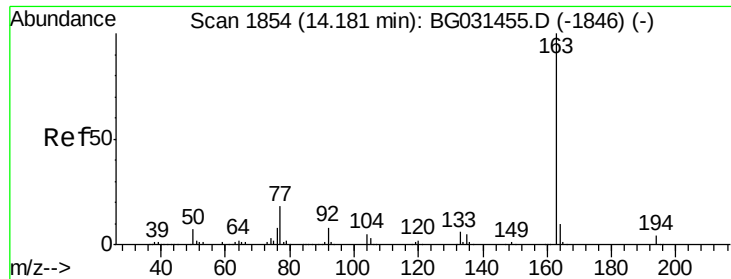
12/15/2017 7:48:02 PM



#48
Acenaphthylene
Concen: 38.92 ng
RT: 14.46 min Scan# 1901
Delta R.T. -0.00 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.2	25.8
153	14.1	10.2	15.4





#49

Dimethylphthalate

Concen: 45.37 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

Instrument :

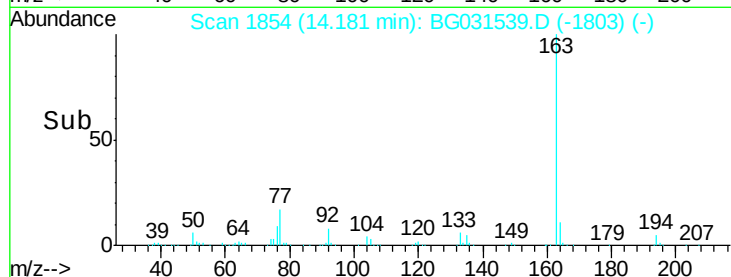
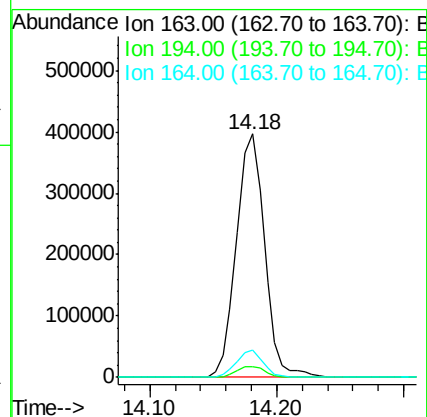
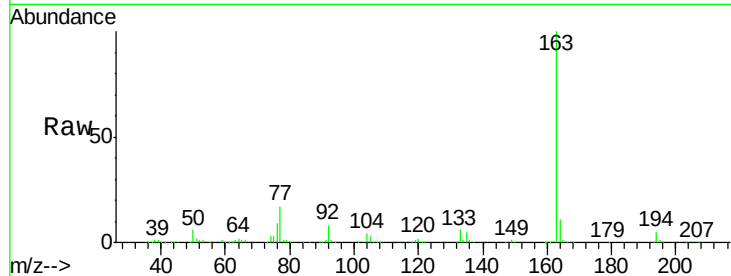
BNA_G

ClientSampleId :

OK-03-121217MSD

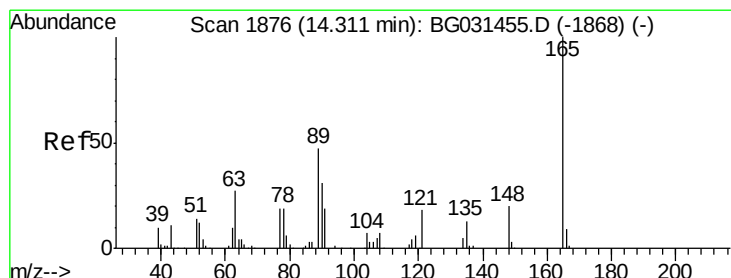
Tgt Ion:	163	Resp:	611230
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.4	5.2
164	11.0	8.2	12.4

Manual Integrations
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Sohil

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#50

2,6-Dinitrotoluene

Concen: 48.02 ng

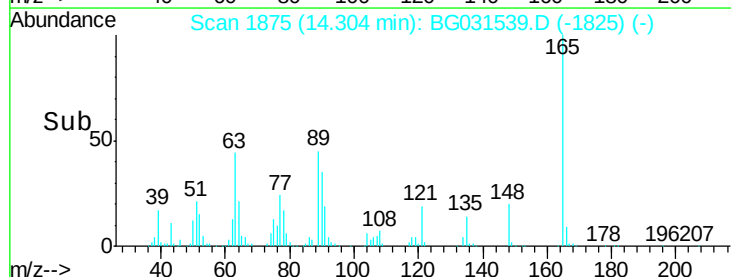
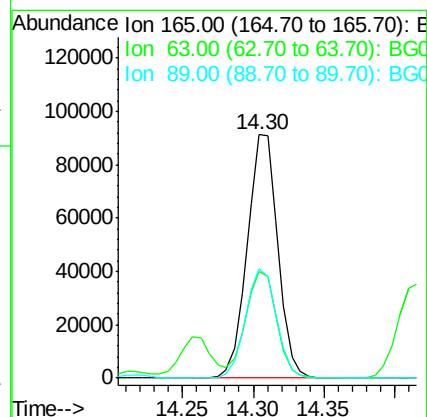
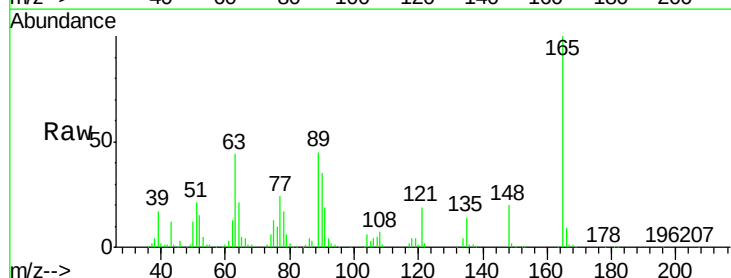
RT: 14.30 min Scan# 1875

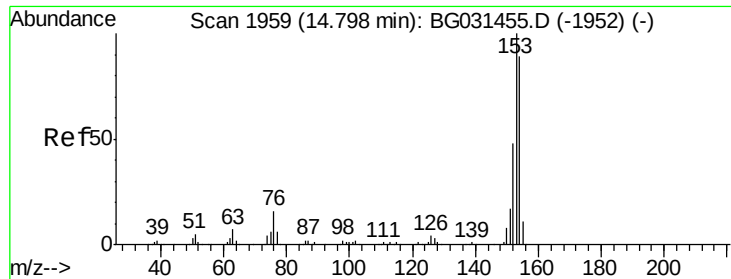
Delta R.T. -0.01 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

Tgt Ion:	165	Resp:	138294
Ion Ratio	Lower	Upper	
165	100		
63	43.9	52.7	79.1#
89	44.9	49.2	73.8#





#51

Acenaphthene

Concen: 39.56 ng

RT: 14.79 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

Instrument :

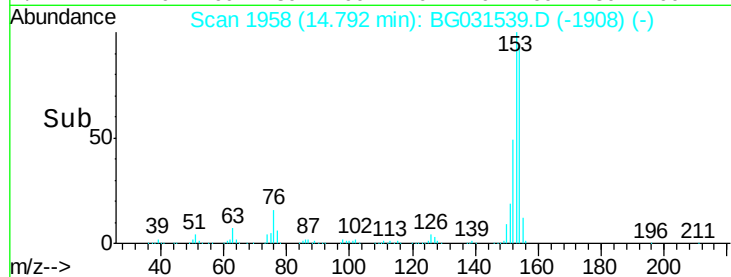
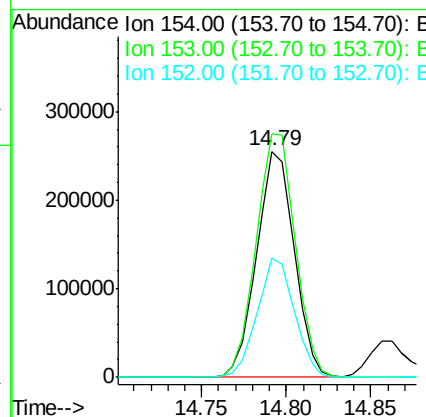
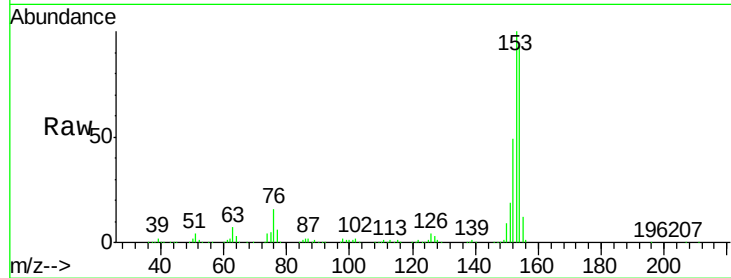
BNA_G

ClientSampleId :

OK-03-121217MSD

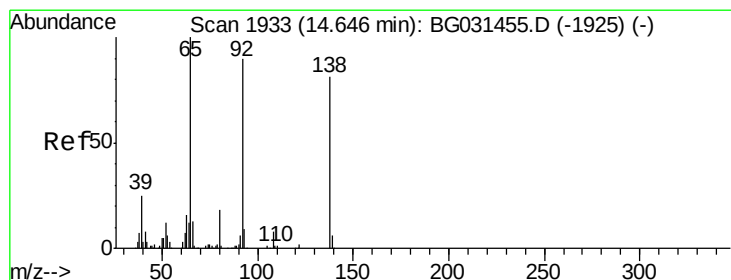
Tgt Ion:	154	Resp:	393803
Ion Ratio	Lower	Upper	
154	100		
153	107.6	90.4	135.6
152	52.9	41.6	62.4

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#52

3-Nitroaniline

Concen: 6.18 ng

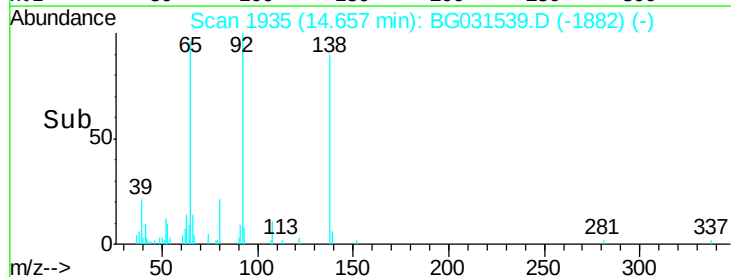
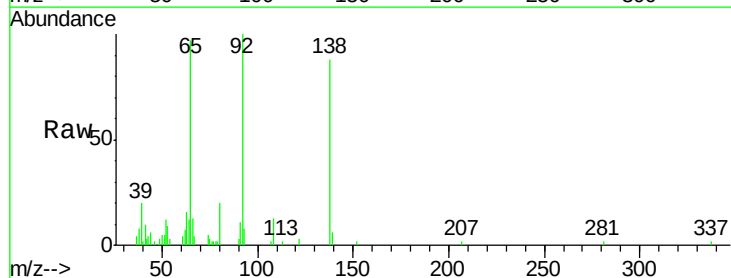
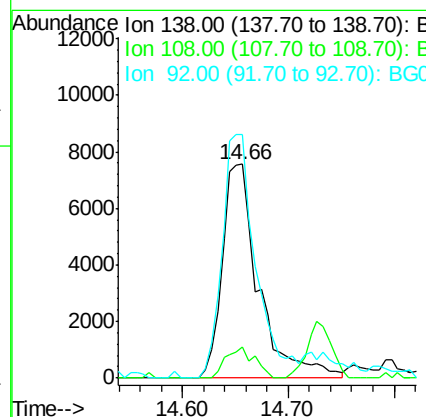
RT: 14.66 min Scan# 1935

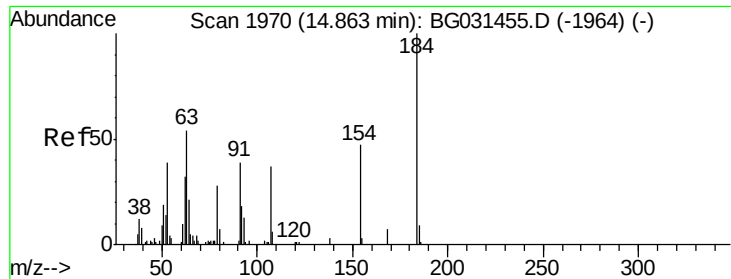
Delta R.T. 0.01 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

Tgt Ion:	138	Resp:	18132
Ion Ratio	Lower	Upper	
138	100		
108	14.4	17.5	26.3#
92	113.9	105.8	158.8



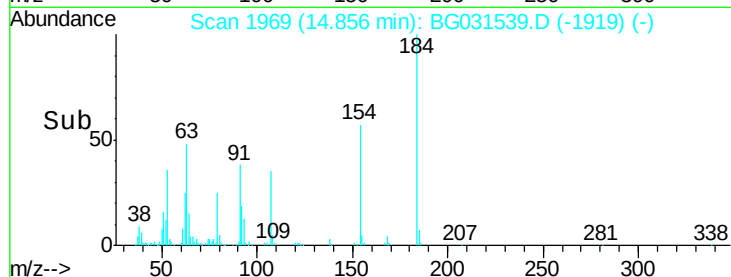
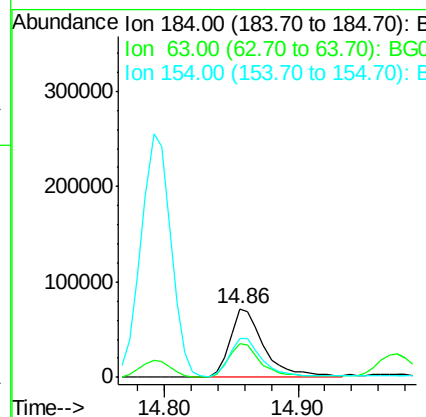
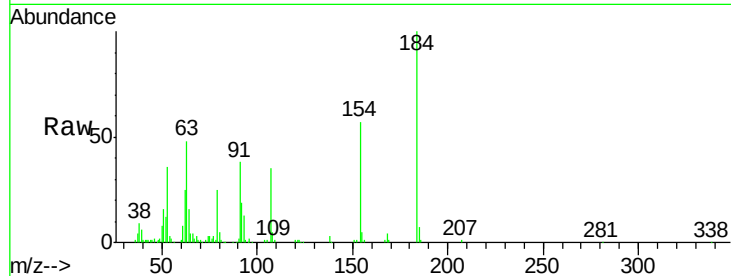


#53
2,4-Dinitrophenol
Concen: 104.53 ng
RT: 14.86 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

Instrument :
BNA_G
ClientSampleId :
OK-03-121217MSD

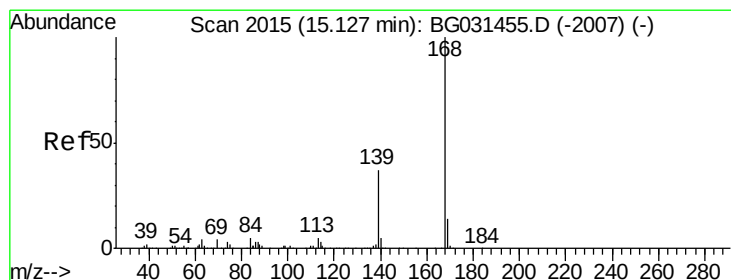
Tgt Ion	Ratio	Lower	Upper
184	100		
63	48.5	59.8	89.8#
154	56.9	101.8	152.8#

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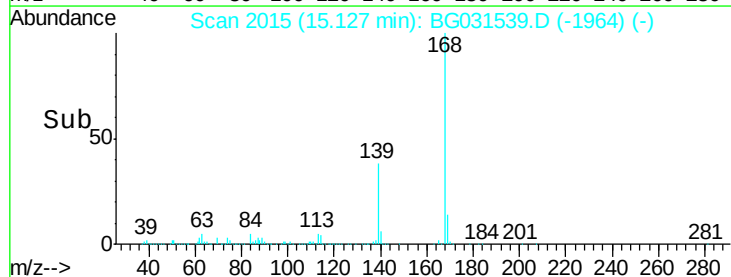
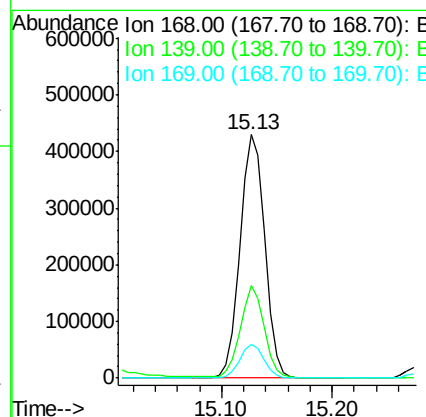
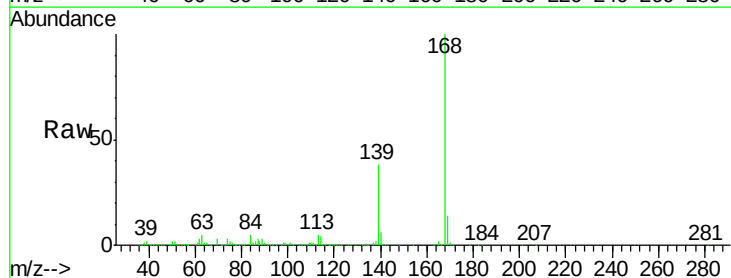
Sohil

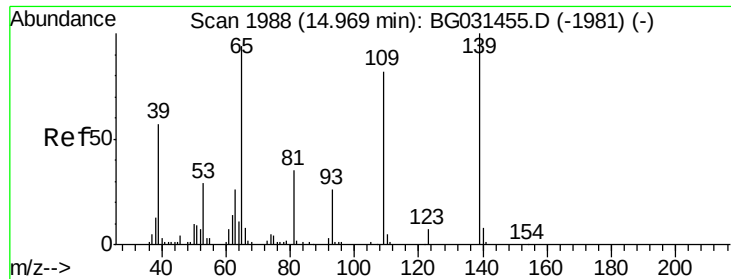
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#54
Dibenzofuran
Concen: 42.53 ng
RT: 15.13 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.9	28.6	43.0
169	13.7	11.2	16.8



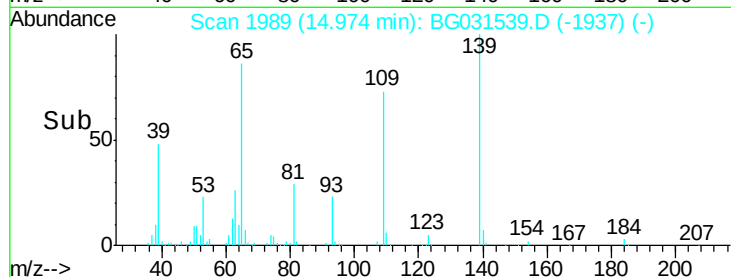
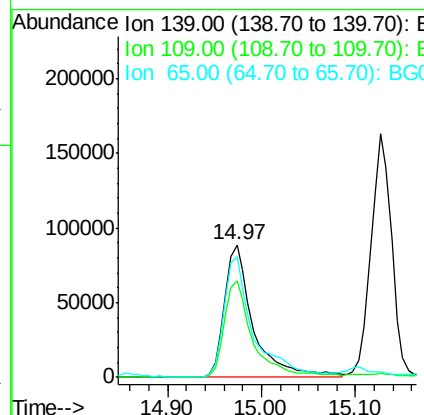
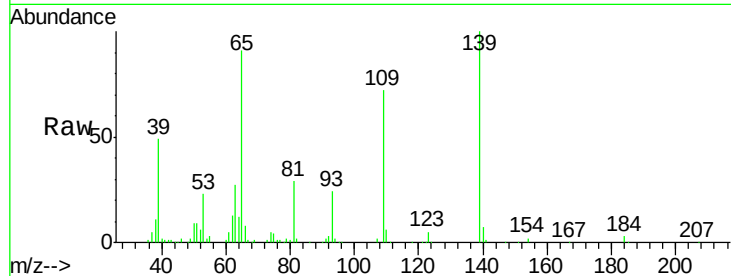


#55
4-Nitrophenol
Concen: 94.95 ng
RT: 14.97 min Scan# 1989
Delta R.T. 0.01 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

Instrument :
BNA_G
ClientSampleId :
OK-03-121217MSD

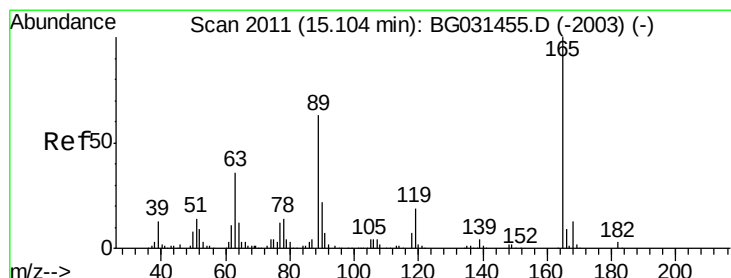
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	189714		
109	72.3	62.2	102.2	
65	91.1	97.2	137.2	

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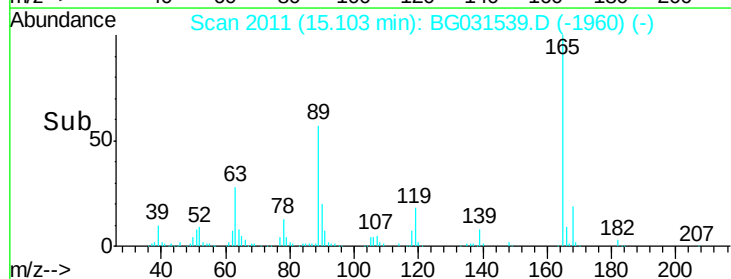
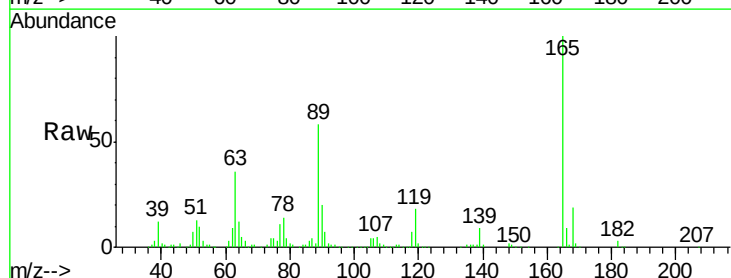
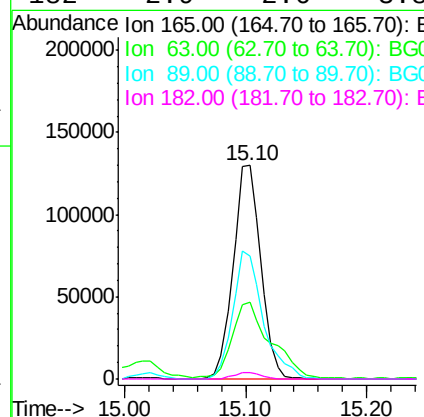
Sohil

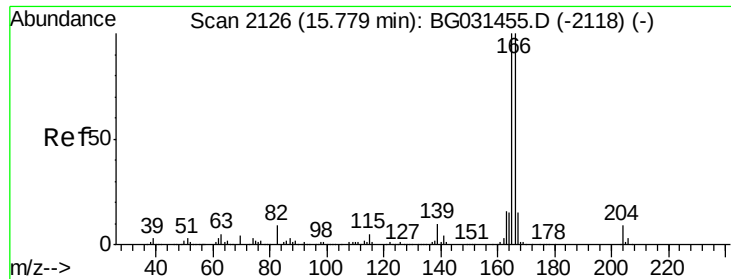
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#56
2,4-Dinitrotoluene
Concen: 50.46 ng
RT: 15.10 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	206412		
63	35.9	42.0	63.0	
89	57.7	66.9	100.3	
182	2.9	2.6	3.8	



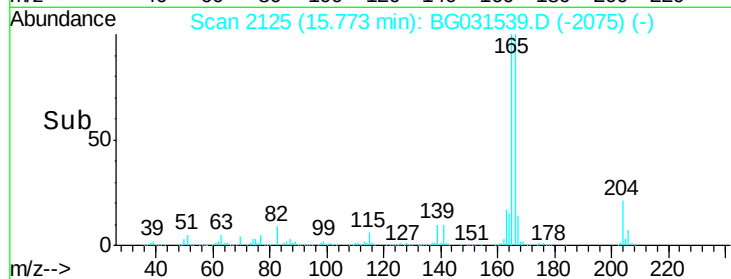
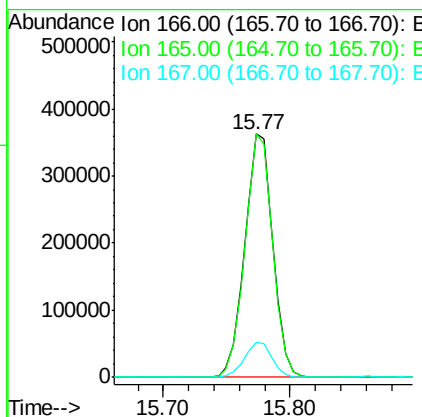
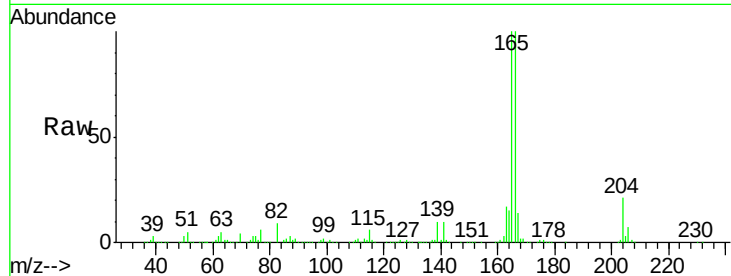


#57
 Fluorene
 Concen: 43.66 ng
 RT: 15.77 min Scan# 2125
 Delta R.T. -0.01 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-121217MSD

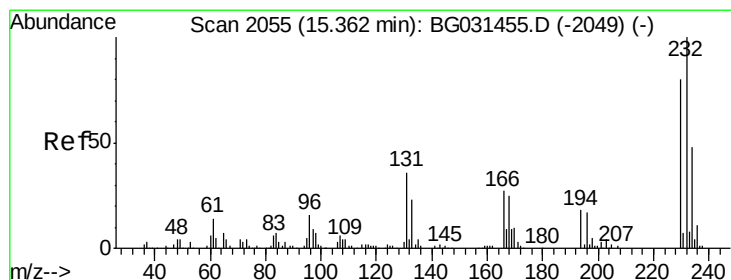
Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.0	80.6	121.0	
167	14.3	10.4	15.6	

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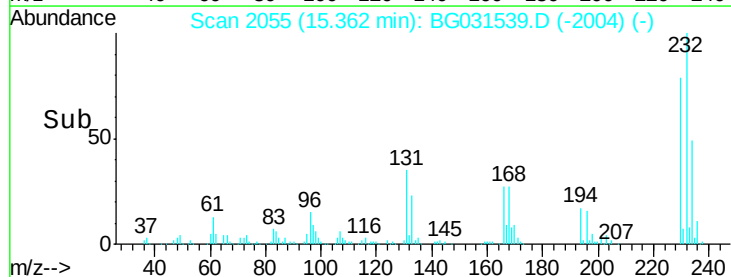
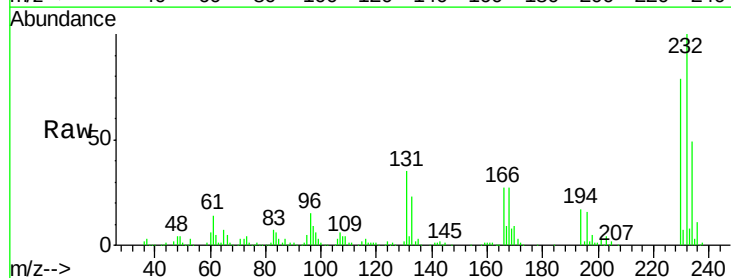
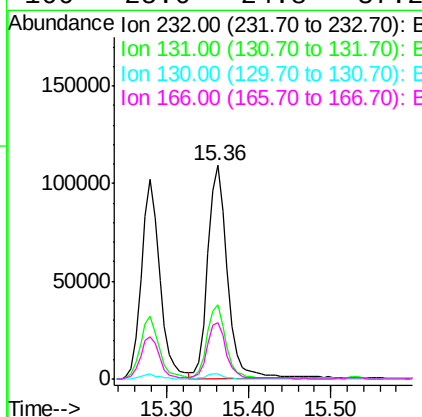
Sohil

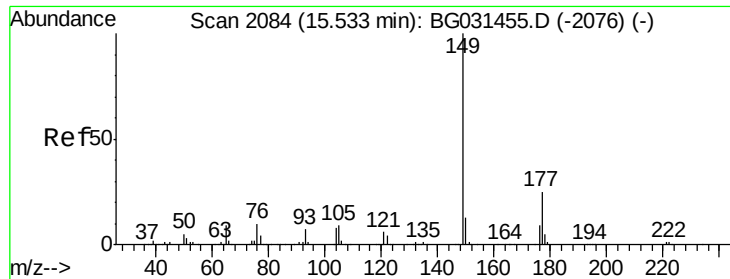
12/15/2017 7:48:02 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 55.27 ng
 RT: 15.36 min Scan# 2055
 Delta R.T. -0.00 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	32.7	33.5	50.3	#
130	2.2	2.2	3.2	
166	25.6	24.8	37.2	



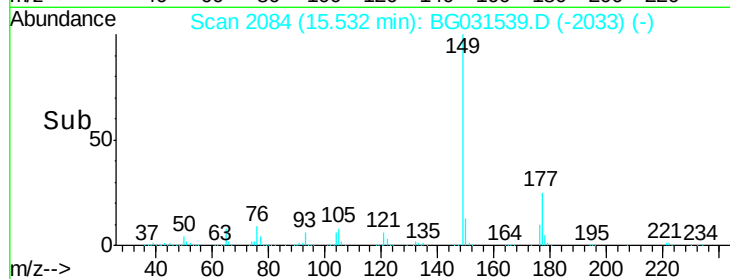
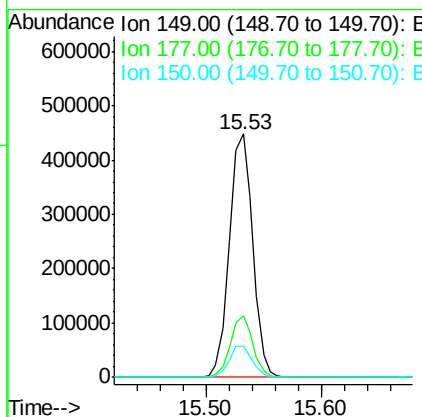
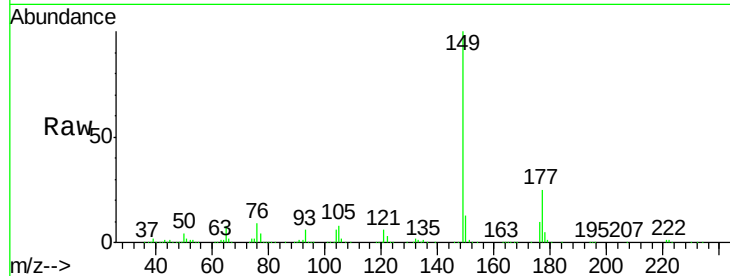


#59
Diethylphthalate
Concen: 46.22 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.00 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

Instrument :
BNA_G
ClientSampleId :
OK-03-121217MSD

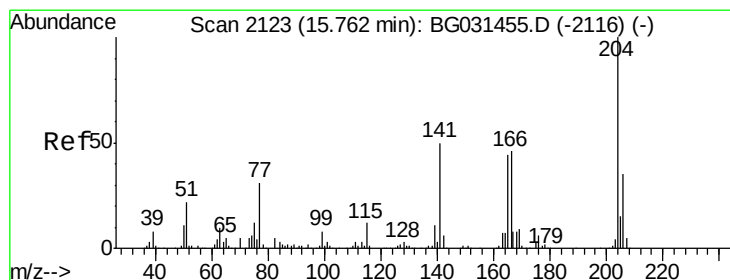
Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.3	18.5	27.7
150	12.6	10.2	15.2

Manual Integrations
APPROVED



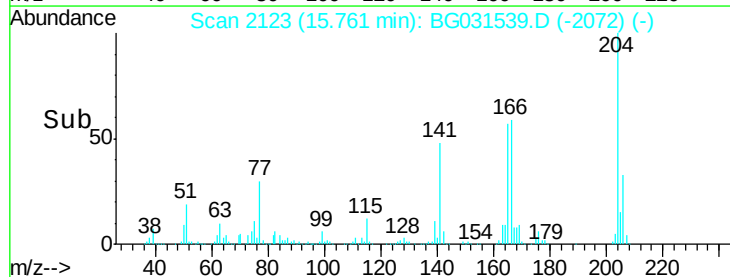
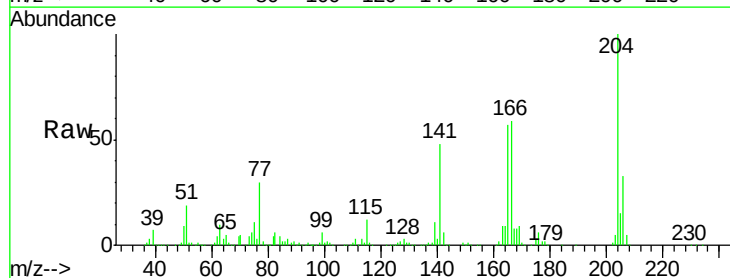
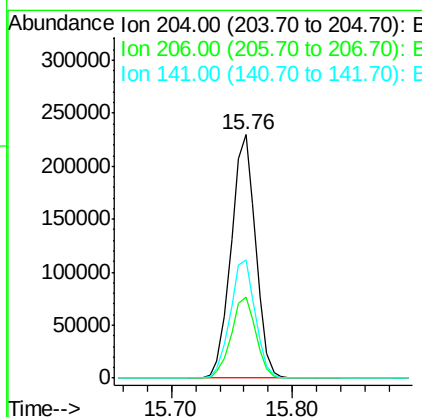
Sohil

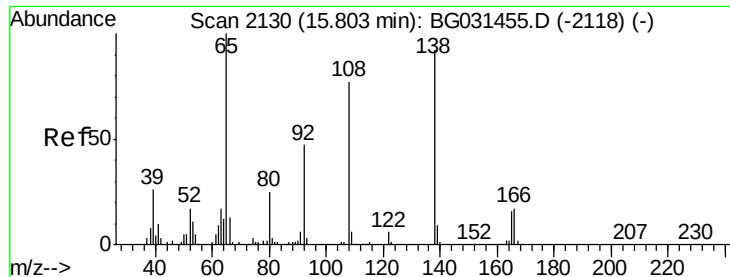
12/15/2017 7:48:02 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.57 ng
RT: 15.76 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.2	39.2
141	48.5	45.8	68.6



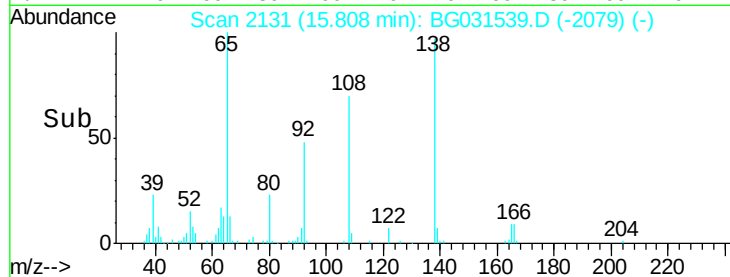
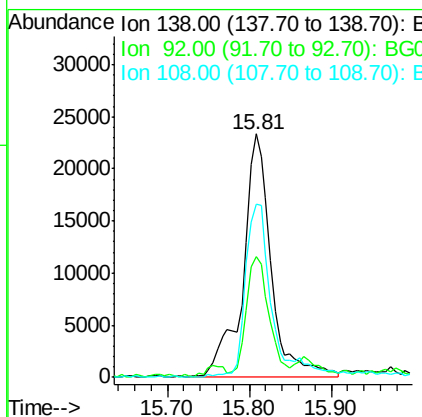
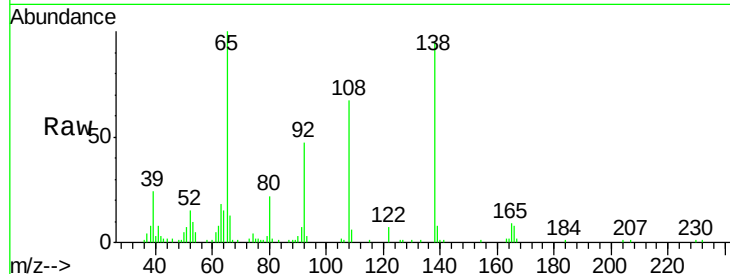


#61
4-Nitroaniline
Concen: 18.36 ng
RT: 15.81 min Scan# 2131
Delta R.T. 0.01 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

Instrument :
BNA_G
ClientSampleId :
OK-03-121217MSD

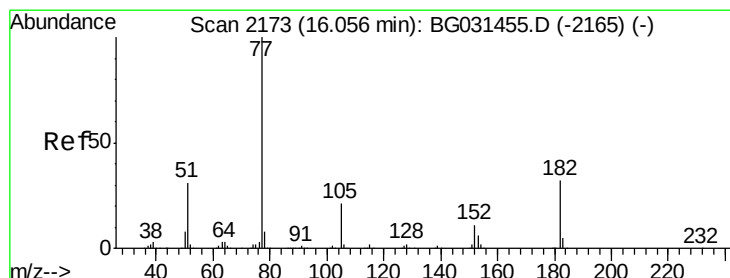
Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.7	40.1	80.1
108	70.9	65.4	105.4

Manual Integrations
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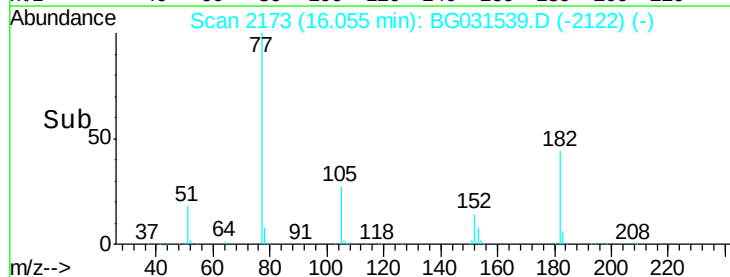
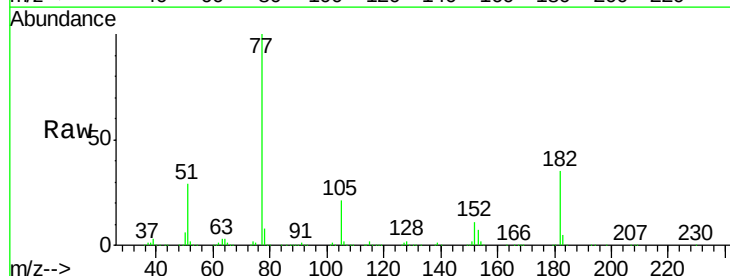
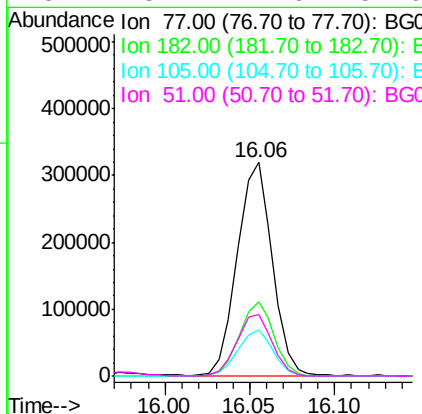
Sohil

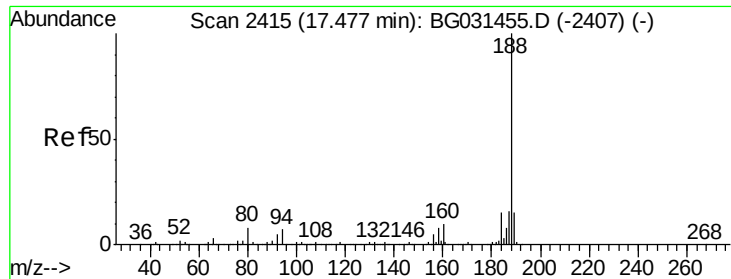
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#62
Azobenzene
Concen: 40.86 ng
RT: 16.06 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

Tgt Ion	Ratio	Lower	Upper
77	100		
182	34.6	7.4	47.4
105	21.4	0.3	40.3
51	28.7	11.6	51.6



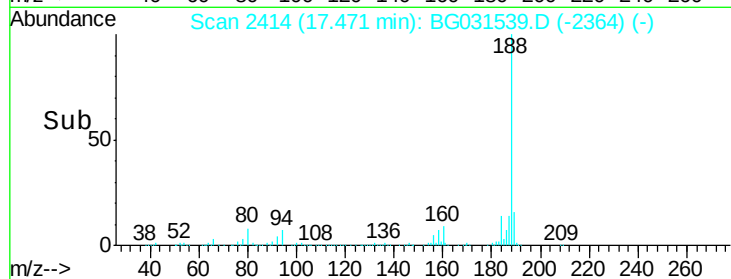
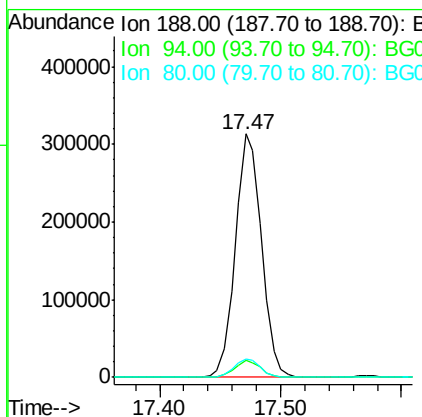
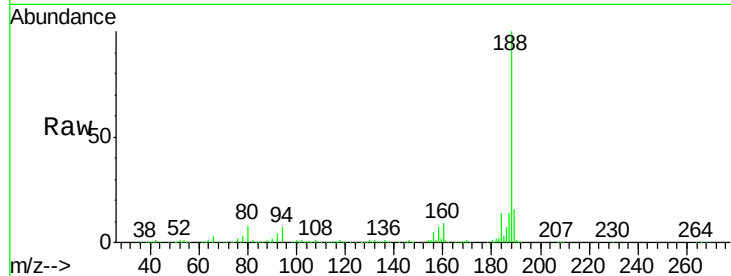


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

Instrument :
BNA_G
ClientSampleId :
OK-03-121217MSD

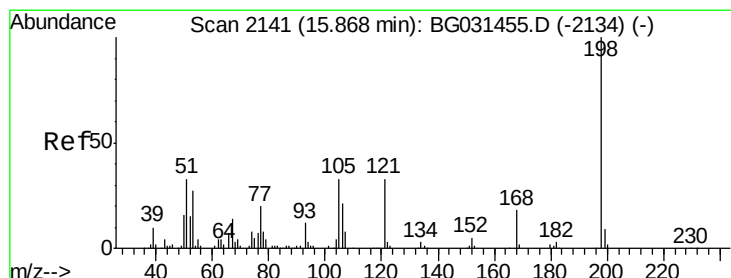
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	471994		
94	7.0	6.9	10.3	
80	7.5	7.7	11.5	

Manual Integrations
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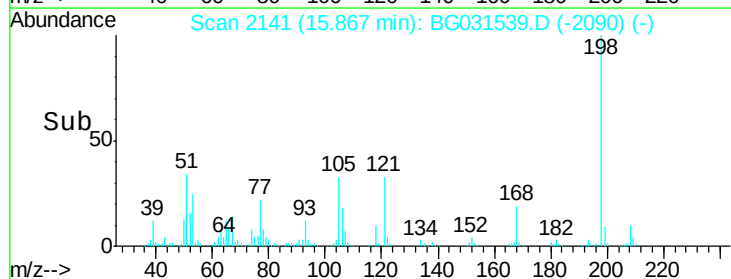
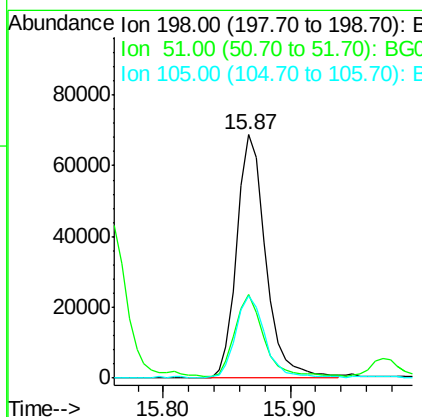
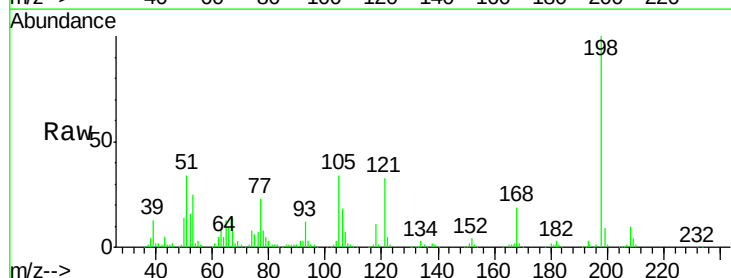
Sohil

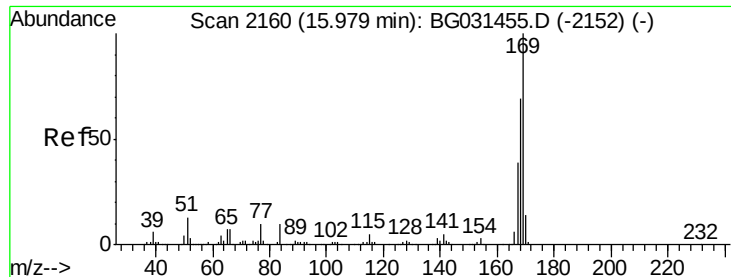
12/15/2017 7:48:02 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 39.06 ng
RT: 15.87 min Scan# 2141
Delta R.T. 0.00 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	108690		
51	34.3	30.6	70.6	
105	33.7	23.8	63.8	





#65

n-Nitrosodiphenylamine

Concen: 5.21 ng

RT: 15.98 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

Instrument :

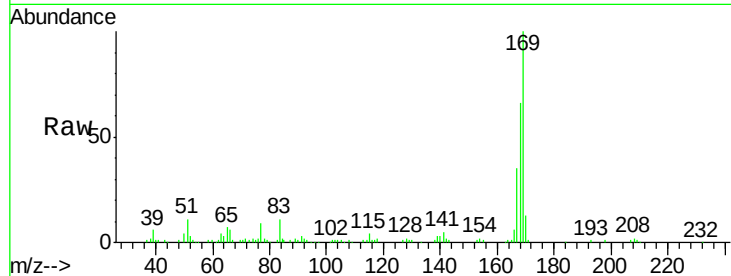
BNA_G

ClientSampleId :

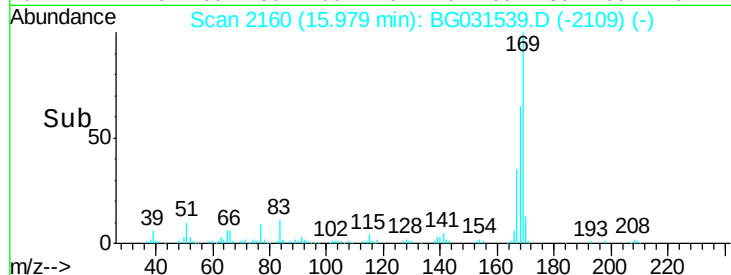
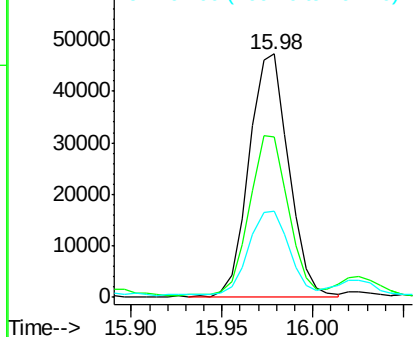
OK-03-121217MSD

Tgt Ion:	169	Resp:	71988
Ion Ratio	Lower	Upper	
169	100		
168	65.9	55.7	83.5
167	35.5	30.1	45.1

Manual Integrations
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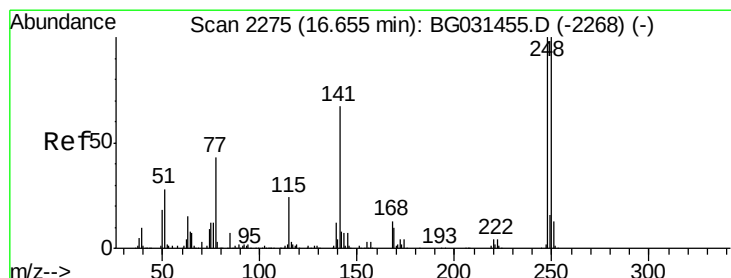


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



Sohil

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#66

4-Bromophenyl-phenylether

Concen: 41.32 ng

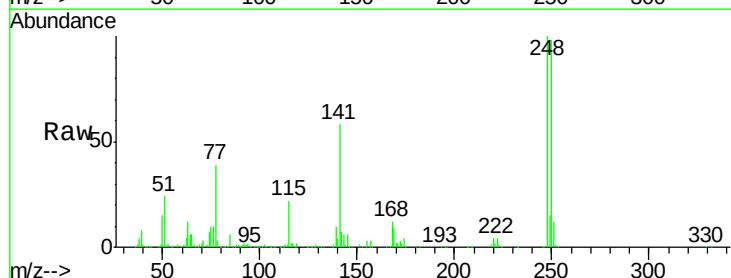
RT: 16.65 min Scan# 2275

Delta R.T. -0.00 min

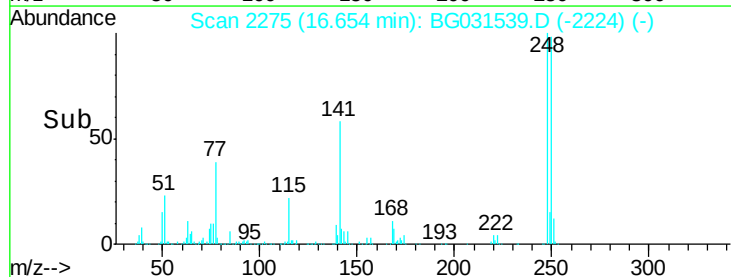
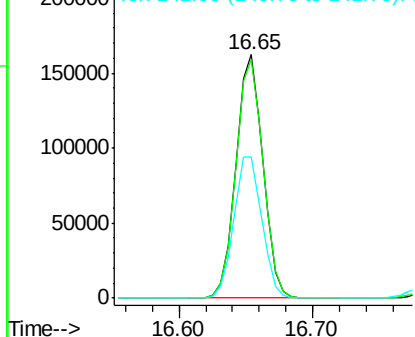
Lab File: BG031539.D

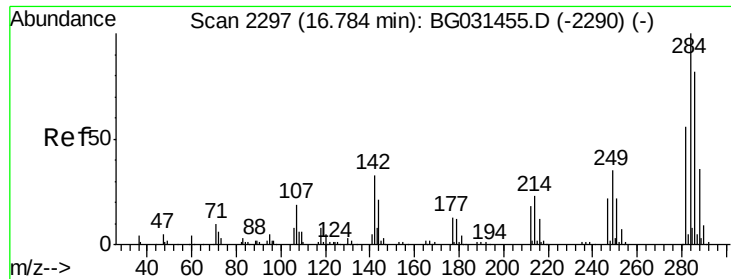
Acq: 13 Dec 2017 22:14

Tgt Ion:	248	Resp:	226782
Ion Ratio	Lower	Upper	
248	100		
250	98.0	77.1	115.7
141	58.1	50.8	76.2



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.60 ng

RT: 16.78 min Scan# 2297

Delta R.T. -0.00 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

Instrument :

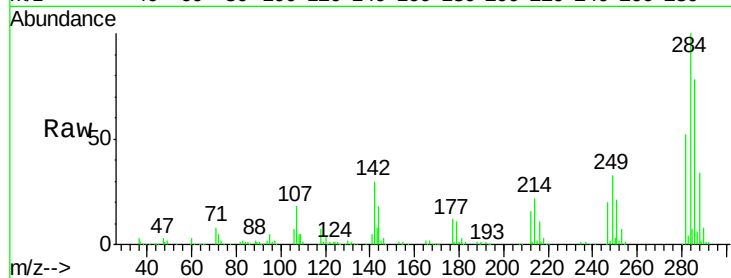
BNA_G

ClientSampleId :

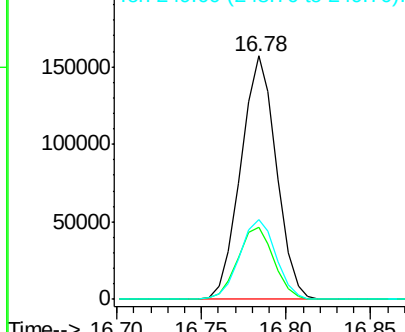
OK-03-121217MSD

Tgt Ion:	284	Resp:	230088
Ion Ratio		Lower	Upper
284	100		
142	29.6	26.8	40.2
249	32.6	26.3	39.5

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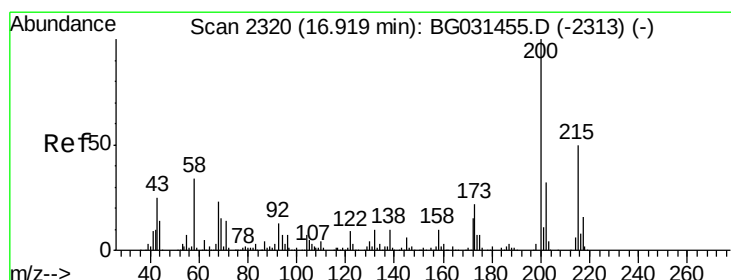
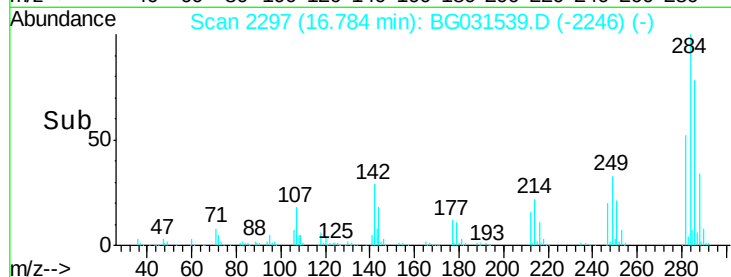


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



Sohil

12/15/2017 7:48:02 PM



#68

Atrazine

Concen: 1.92 ng

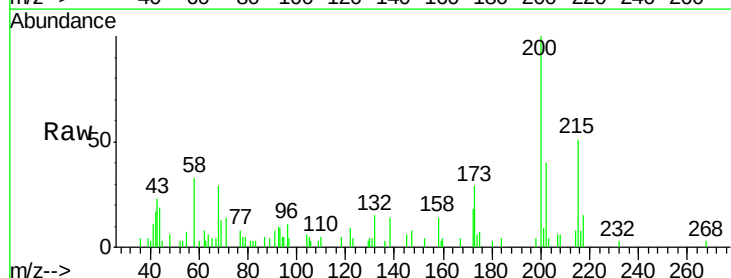
RT: 16.92 min Scan# 2320

Delta R.T. -0.00 min

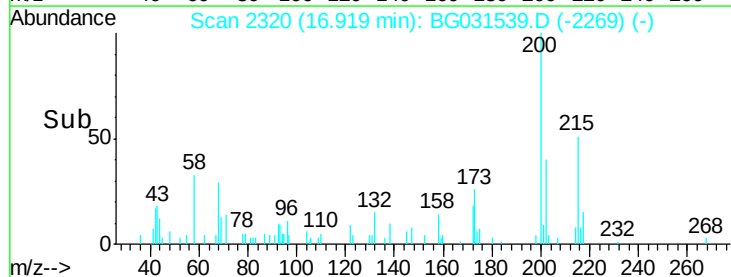
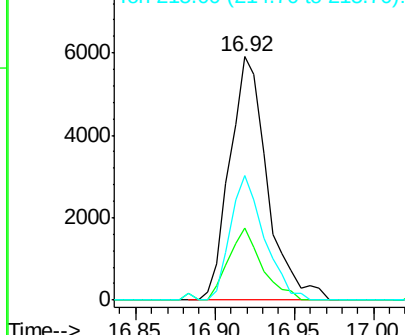
Lab File: BG031539.D

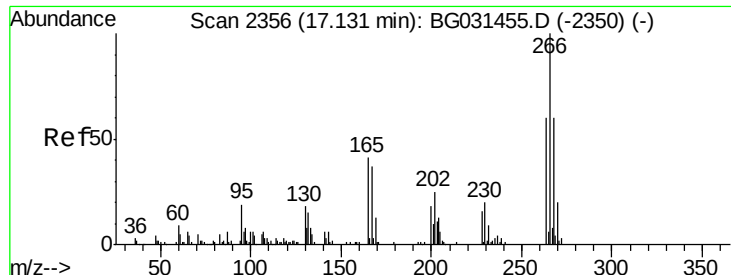
Acq: 13 Dec 2017 22:14

Tgt Ion:	200	Resp:	9698
Ion Ratio		Lower	Upper
200	100		
173	29.4	5.2	45.2
215	51.0	30.4	70.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



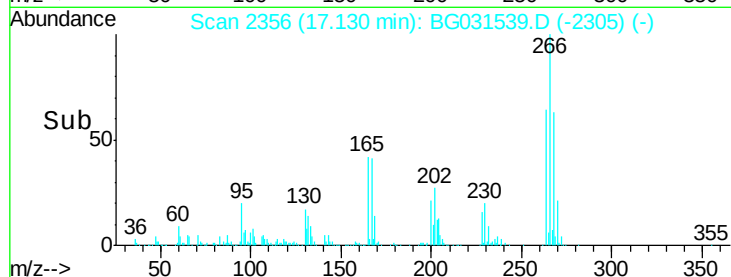
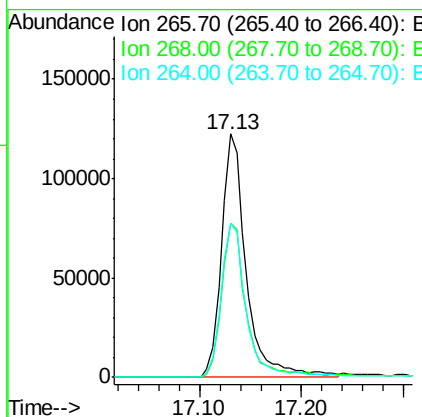
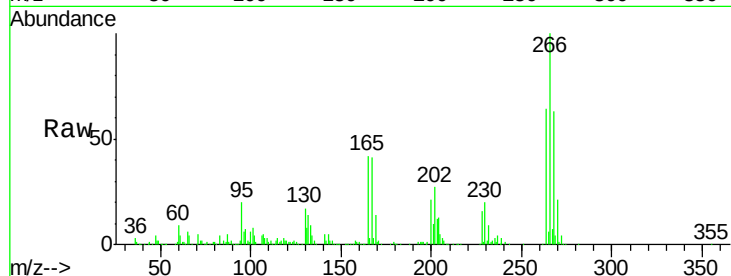


#69
 Pentachlorophenol
 Concen: 76.45 ng
 RT: 17.13 min Scan# 2356
 Delta R.T. 0.00 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-121217MSD

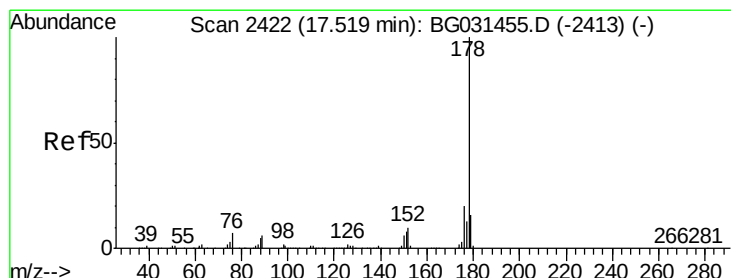
Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.1	76.7
264	63.5	49.6	74.4

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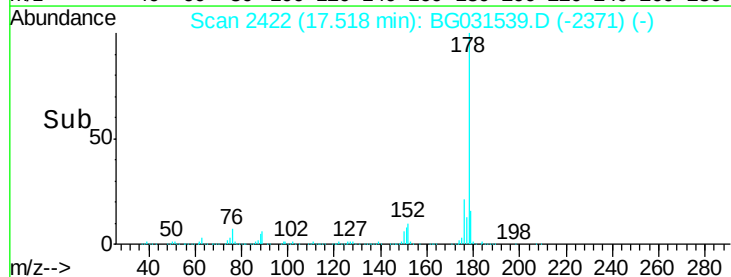
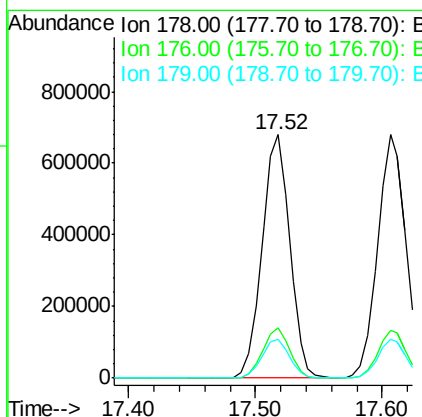
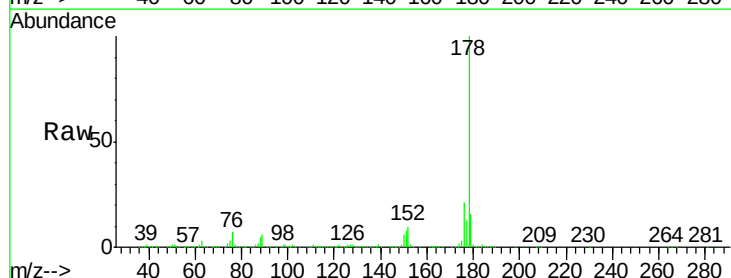
Sohil

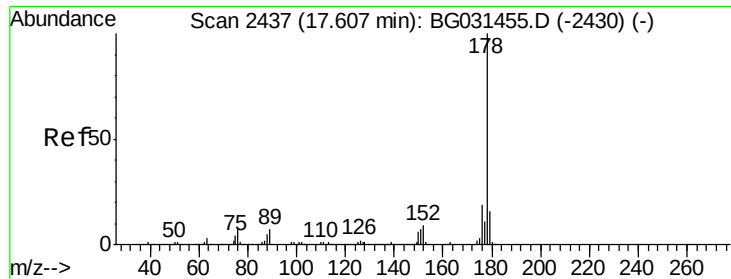
12/15/2017 7:48:02 PM



#70
 Phenanthrene
 Concen: 41.92 ng
 RT: 17.52 min Scan# 2422
 Delta R.T. -0.00 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.7	23.5
179	16.0	12.5	18.7



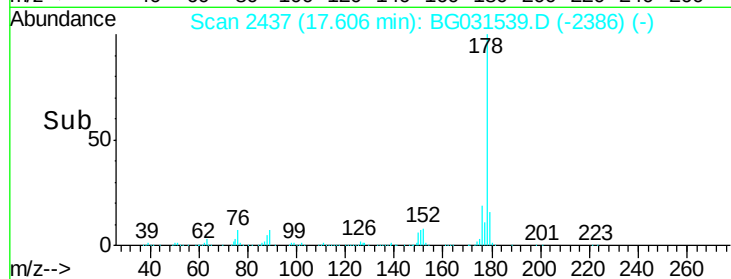
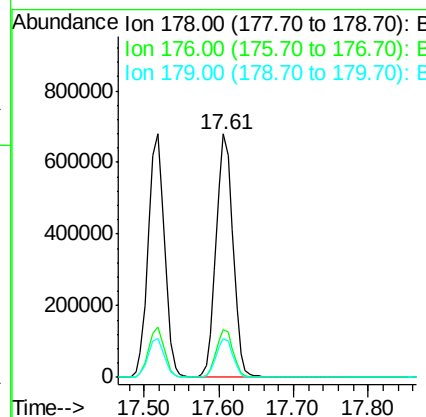
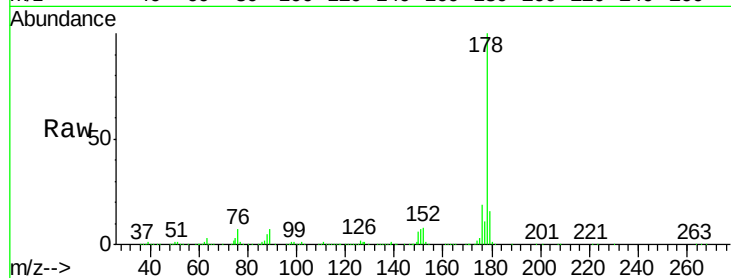


#71
 Anthracene
 Concen: 43.52 ng
 RT: 17.61 min Scan# 2437
 Delta R.T. -0.00 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-121217MSD

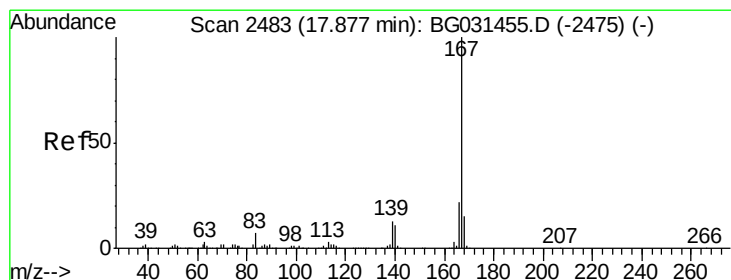
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.0	24.0
179	16.1	12.5	18.7

Manual Integrations
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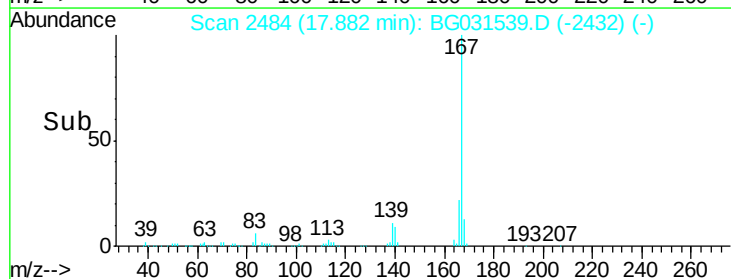
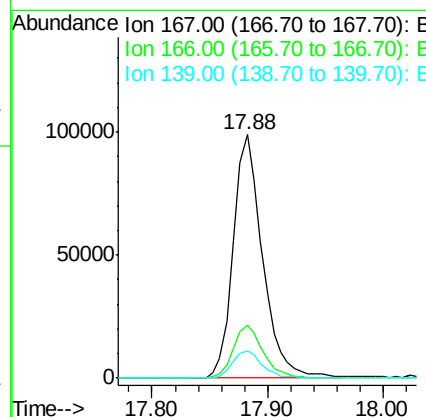
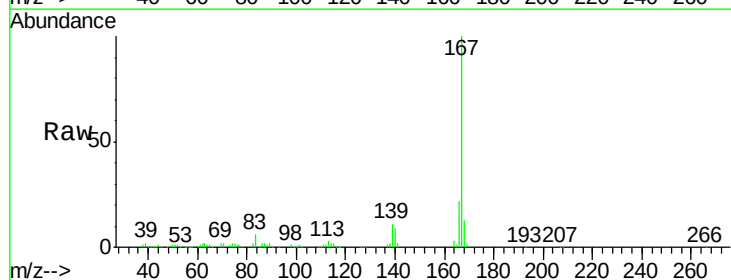
Sohil

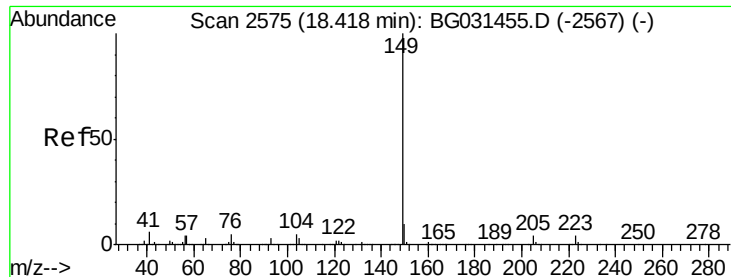
12/15/2017 7:48:02 PM



#72
 Carbazole
 Concen: 7.84 ng
 RT: 17.88 min Scan# 2484
 Delta R.T. 0.01 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.2	27.4
139	11.2	9.4	14.2



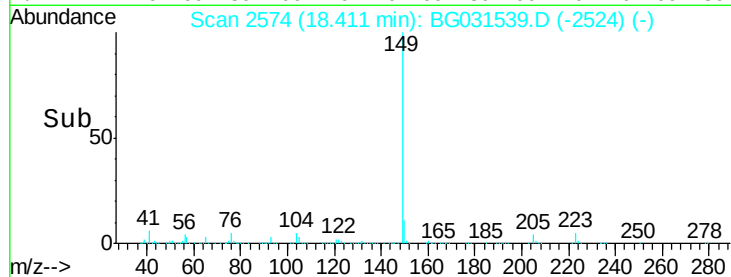
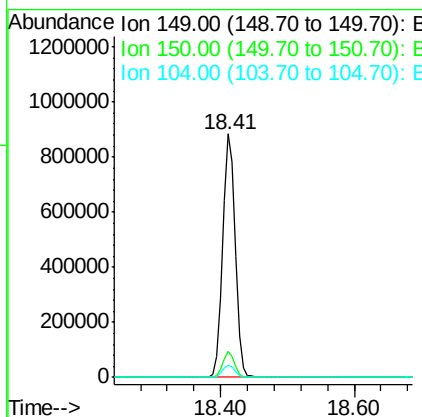
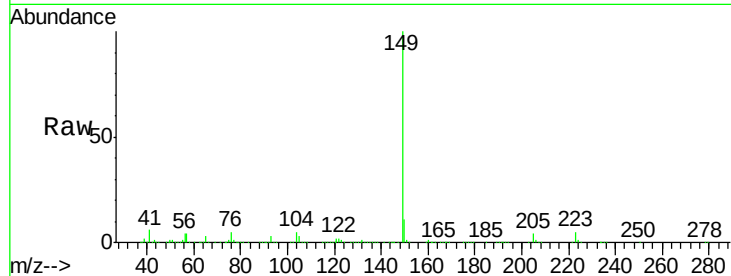


#73
 Di-n-butylphthalate
 Concen: 46.18 ng
 RT: 18.41 min Scan# 2574
 Delta R.T. -0.01 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-121217MSD

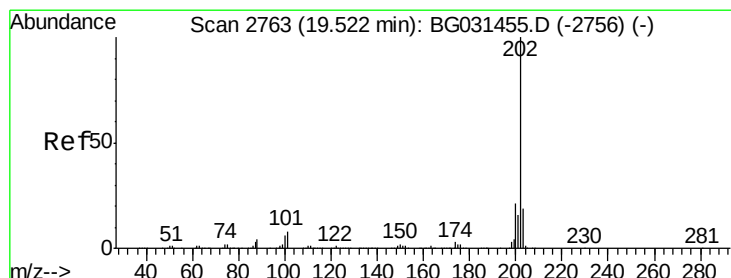
Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.6	7.8	11.6
104	5.0	3.9	5.9

Manual Integrations
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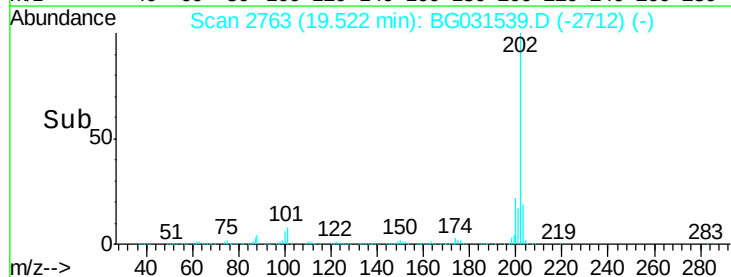
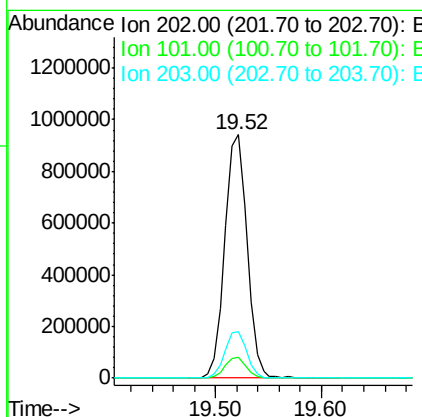
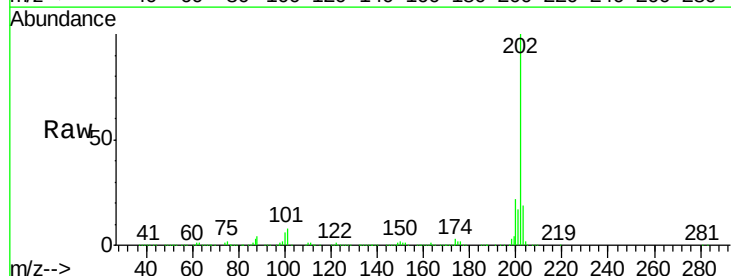
Sohil

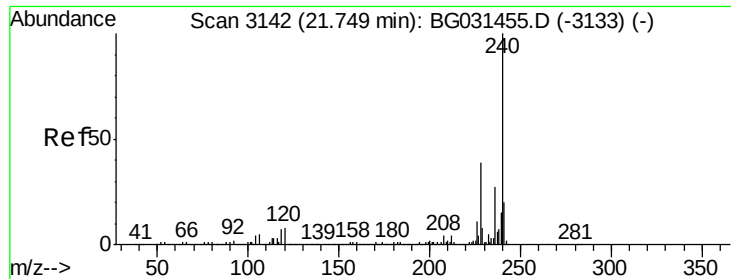
12/15/2017 7:48:02 PM



#74
 Fluoranthene
 Concen: 44.62 ng
 RT: 19.52 min Scan# 2763
 Delta R.T. -0.00 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	28.9
203	19.0	0.0	37.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

Instrument :

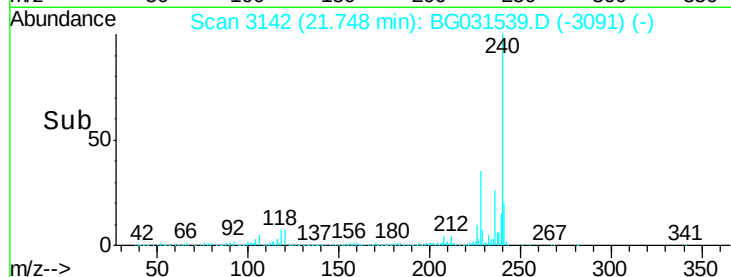
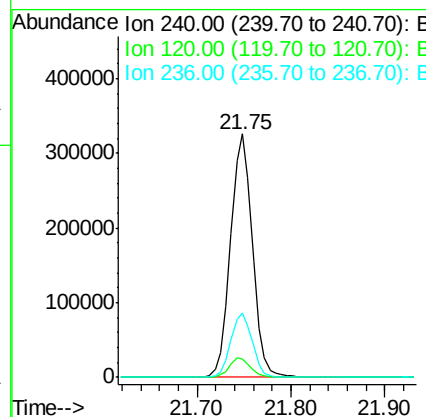
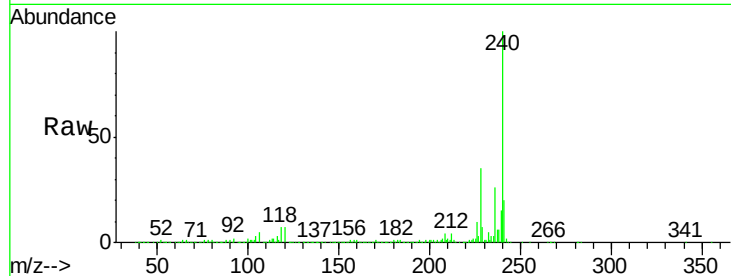
BNA_G

ClientSampleId :

OK-03-121217MSD

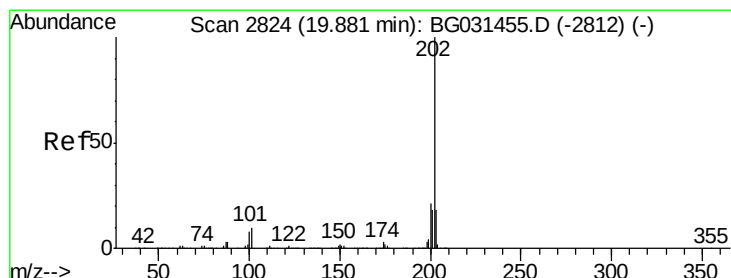
Tgt Ion:	240	Resp:	526876
Ion Ratio	Lower	Upper	
240	100		
120	7.4	6.8	10.2
236	26.5	20.9	31.3

Manual Integrations
APPROVED



Sohil

12/15/2017 7:48:02 PM



#77

Pyrene

Concen: 42.05 ng

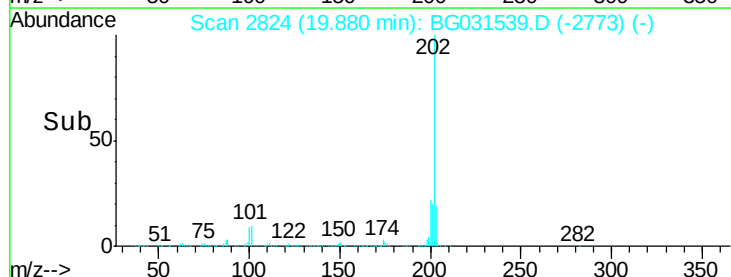
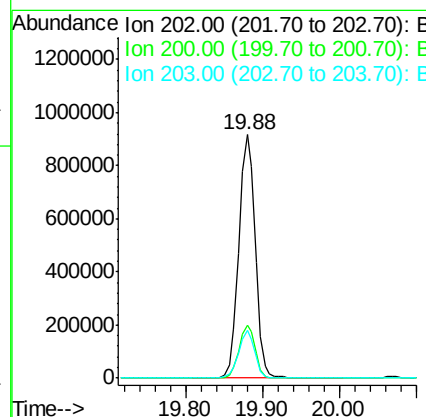
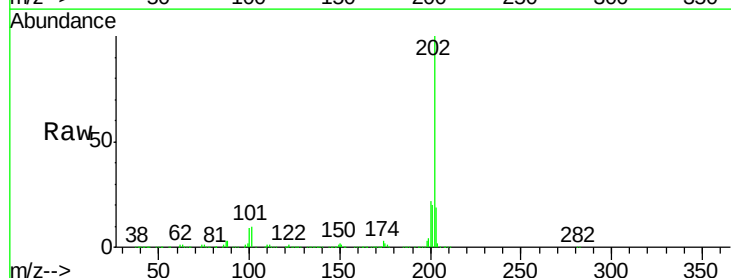
RT: 19.88 min Scan# 2824

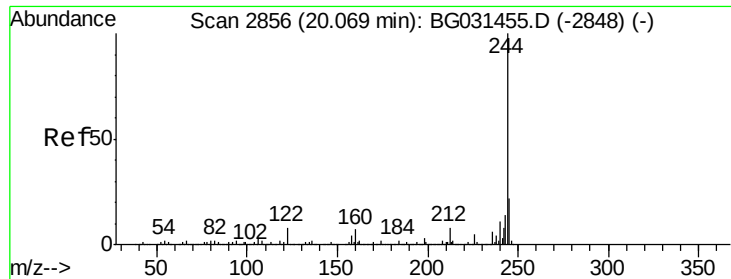
Delta R.T. -0.00 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

Tgt Ion:	202	Resp:	1376641
Ion Ratio	Lower	Upper	
202	100		
200	21.6	16.9	25.3
203	19.5	13.9	20.9





#78

Terphenyl-d14

Concen: 93.75 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

Instrument :

BNA_G

ClientSampleId :

OK-03-121217MSD

Tgt Ion:244 Resp: 2171088

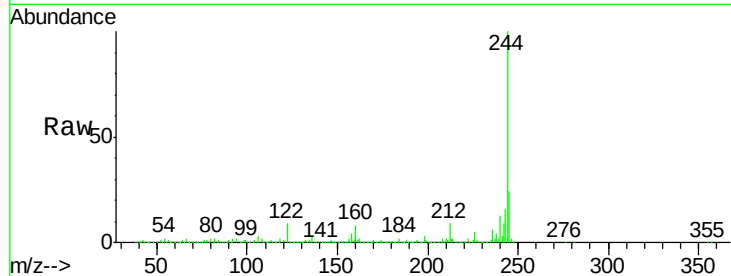
Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

122 9.1 7.0 10.4

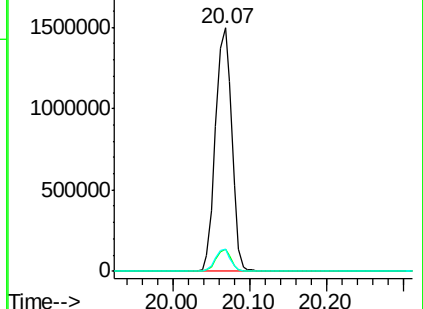
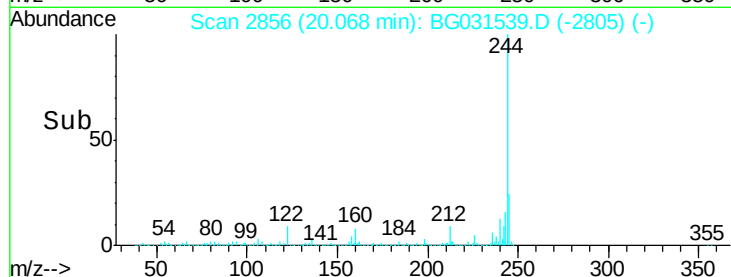
Manual Integrations
APPROVED



Abundance Ion 244.00 (243.70 to 244.70): E

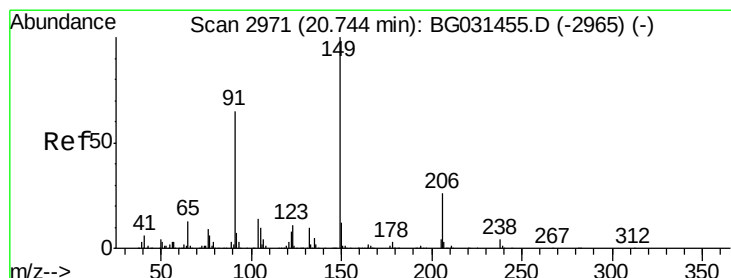
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



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#79

Butylbenzylphthalate

Concen: 45.97 ng

RT: 20.74 min Scan# 2971

Delta R.T. -0.00 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

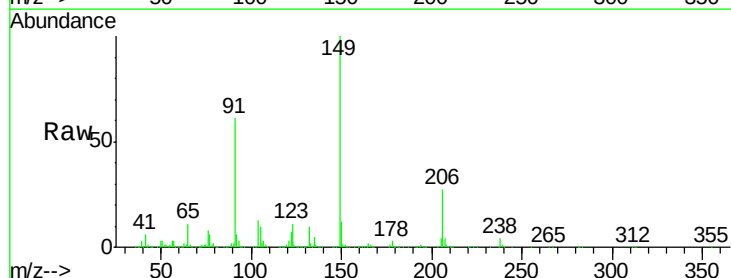
Tgt Ion:149 Resp: 527989

Ion Ratio Lower Upper

149 100

91 61.0 62.2 93.2#

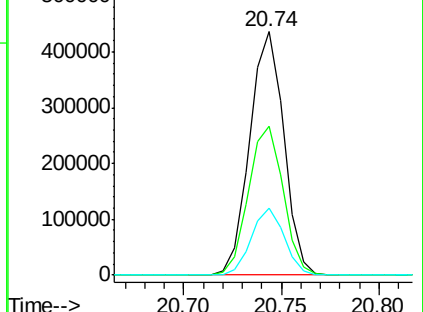
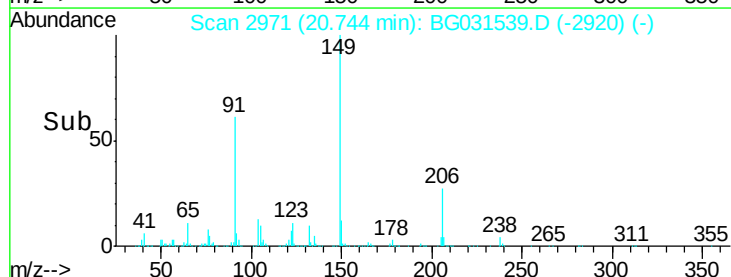
206 27.4 18.6 27.8

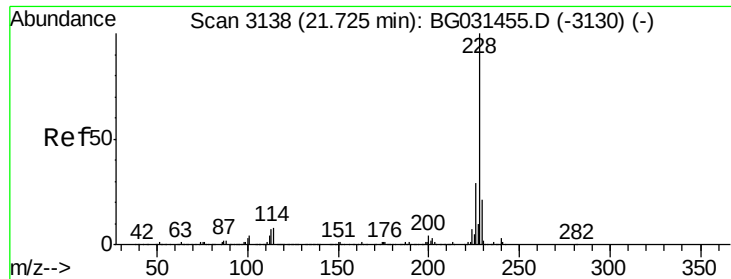


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 42.37 ng

RT: 21.72 min Scan# 3138

Delta R.T. -0.00 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

Instrument :

BNA_G

ClientSampleId :

OK-03-121217MSD

Tgt Ion:228 Resp: 1347513

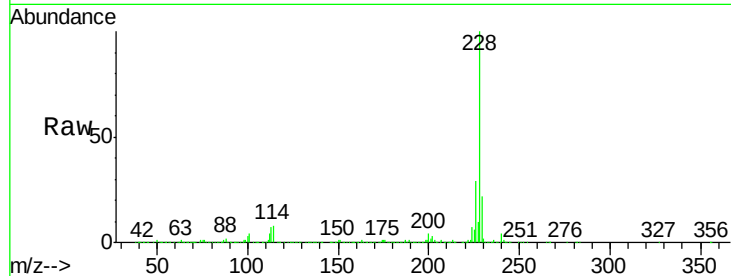
Ion Ratio Lower Upper

228 100

226 29.2 22.7 34.1

229 22.1 16.2 24.2

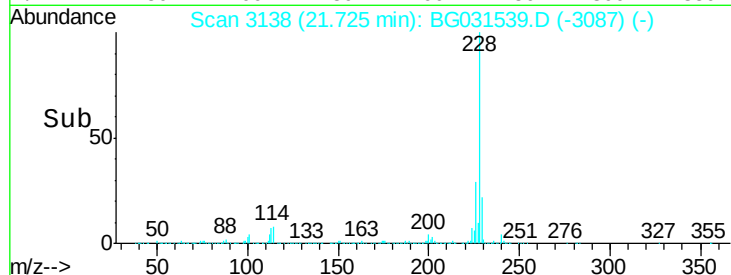
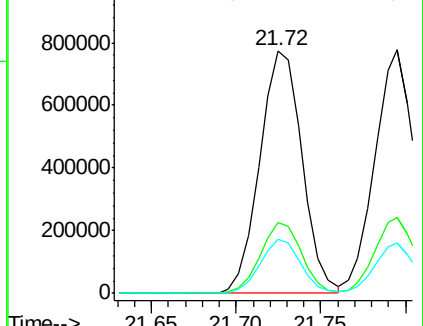
Manual Integrations
APPROVED



Abundance Ion 228.00 (227.70 to 228.70): E

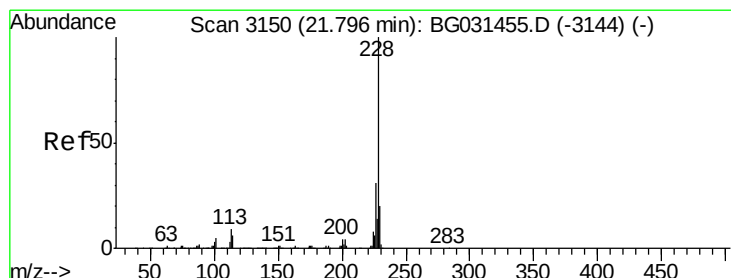
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



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#82

Chrysene

Concen: 42.98 ng

RT: 21.80 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

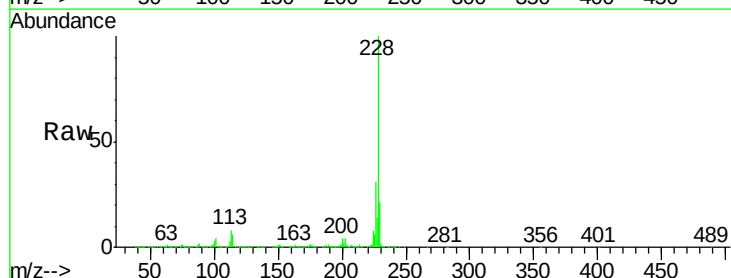
Tgt Ion:228 Resp: 1310249

Ion Ratio Lower Upper

228 100

226 31.3 24.9 37.3

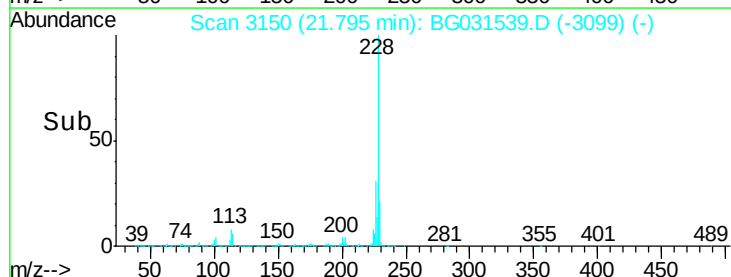
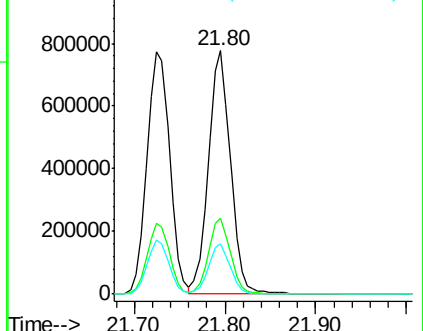
229 20.8 15.0 22.4

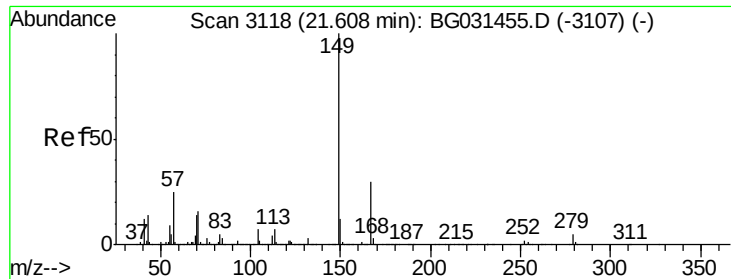


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



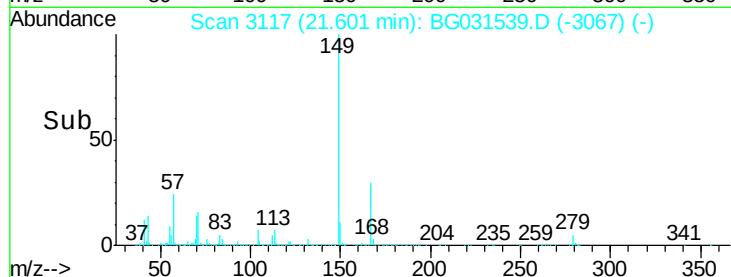
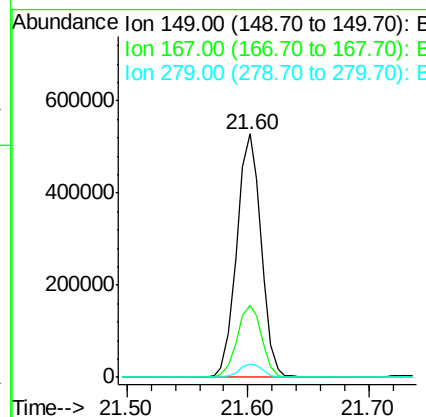
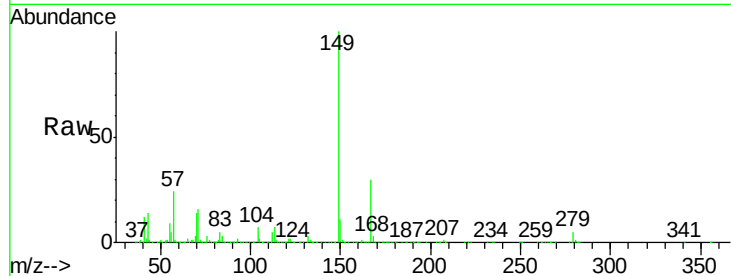


#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.10 ng
 RT: 21.60 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-121217MSD

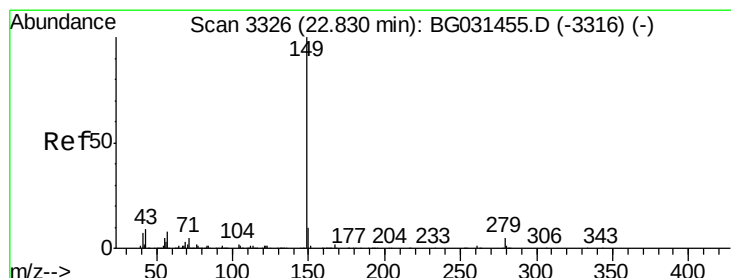
Tgt Ion:	149	Resp:	745154
Ion Ratio	Lower	Upper	
149	100		
167	29.8	24.3	36.5
279	5.4	4.0	6.0

Manual Integrations
 APPROVED



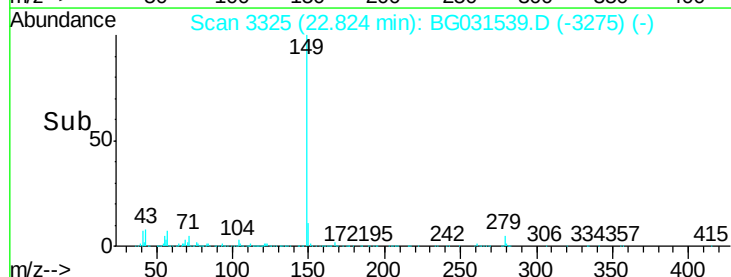
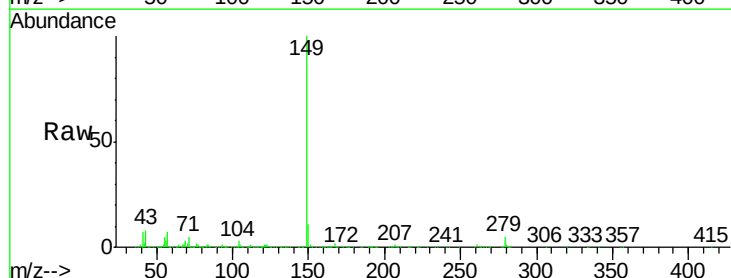
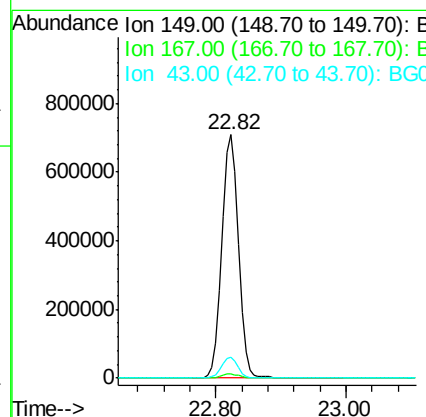
Sohil

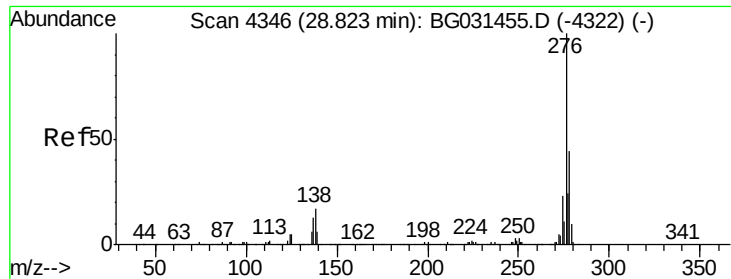
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#84
 Di-n-octyl phthalate
 Concen: 46.01 ng
 RT: 22.82 min Scan# 3325
 Delta R.T. -0.01 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

Tgt Ion:	149	Resp:	1254027
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	8.6	8.9	13.3#



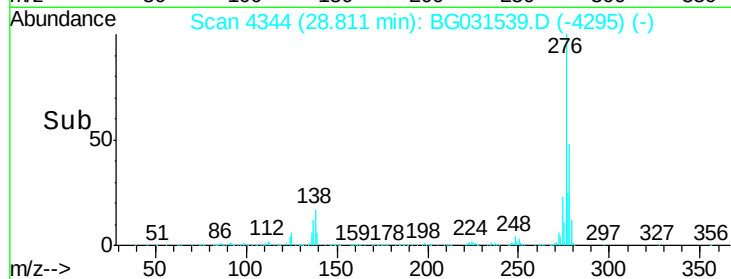
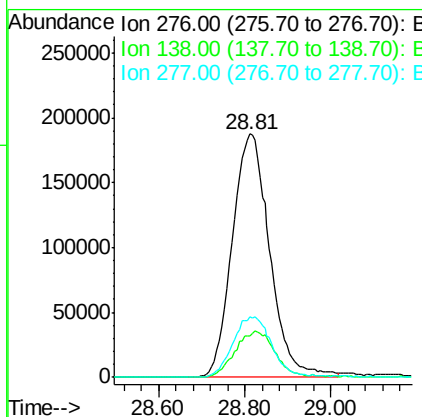
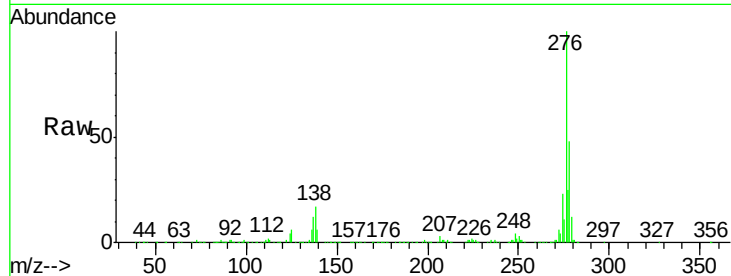


#85
Indeno(1,2,3-cd)pyrene
Concen: 35.10 ng
RT: 28.81 min Scan# 4344
Delta R.T. -0.01 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

Instrument :
BNA_G
ClientSampleId :
OK-03-121217MSD

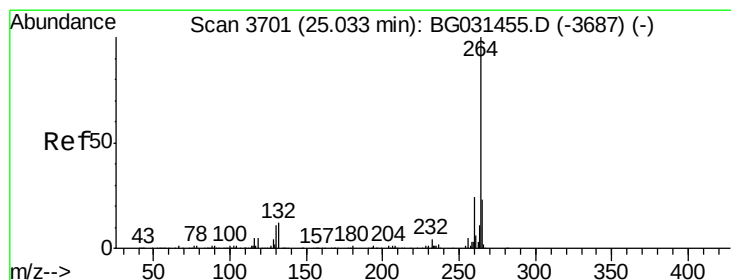
Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.0	16.0	24.0
277	25.7	20.0	30.0

Manual Integrations
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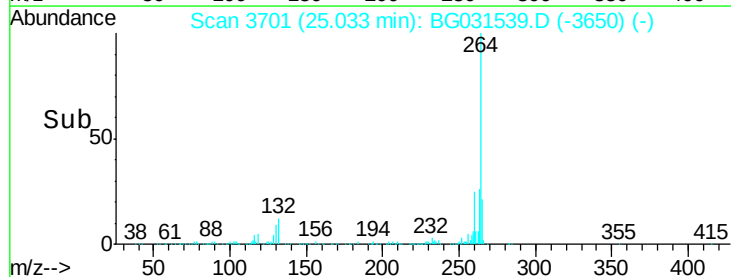
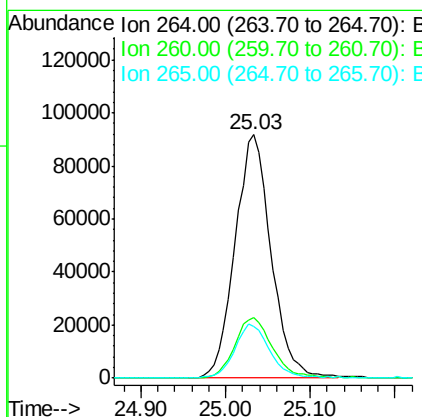
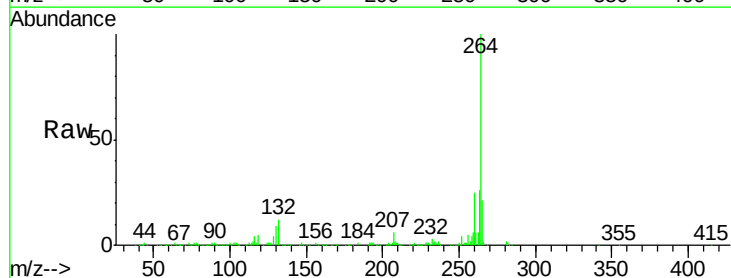
Sohil

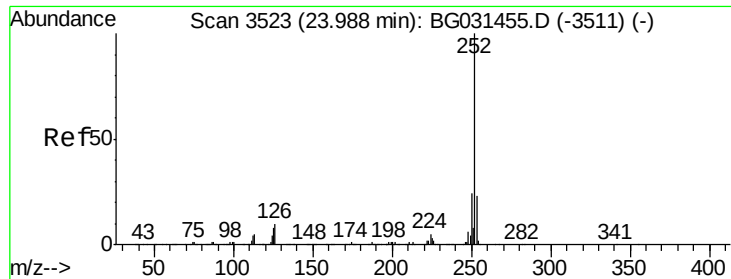
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.03 min Scan# 3701
Delta R.T. -0.00 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	17.4	26.0
265	21.0	17.7	26.5



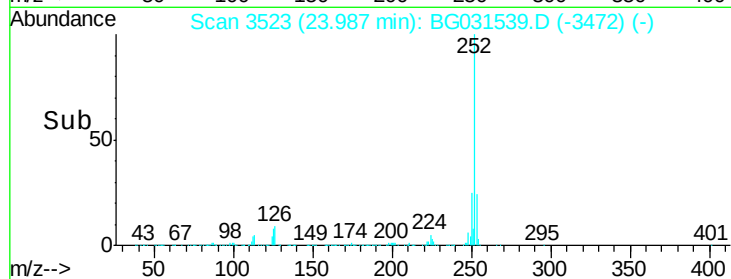
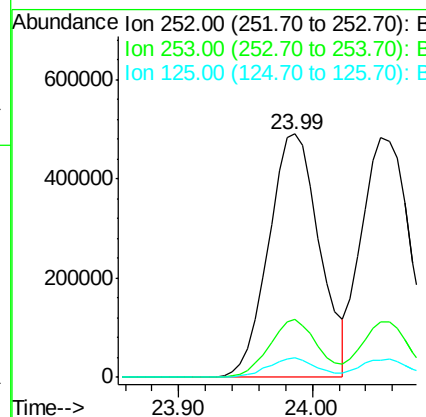
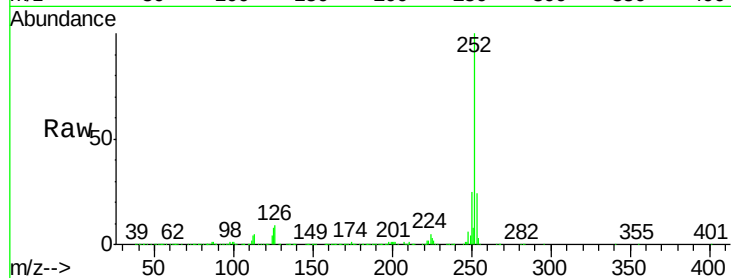


#87
Benzo(b)fluoranthene
Concen: 80.30 ng
RT: 23.99 min Scan# 3523
Delta R.T. -0.00 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

Instrument :
BNA_G
ClientSampleId :
OK-03-121217MSD

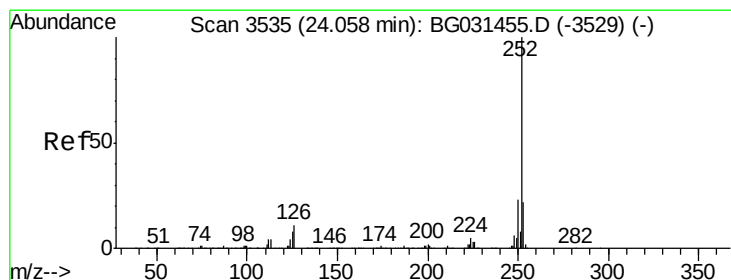
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.4
125	7.8	7.2	10.8

Manual Integrations
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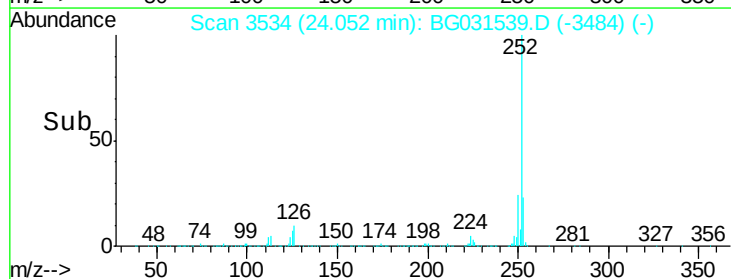
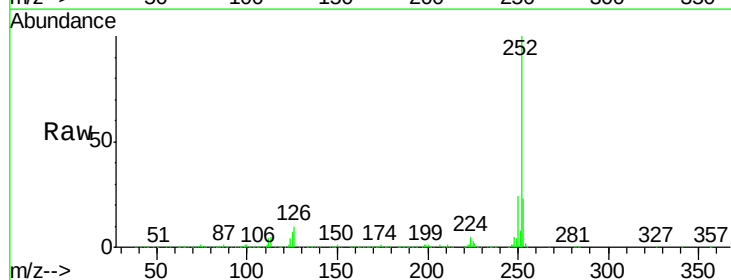
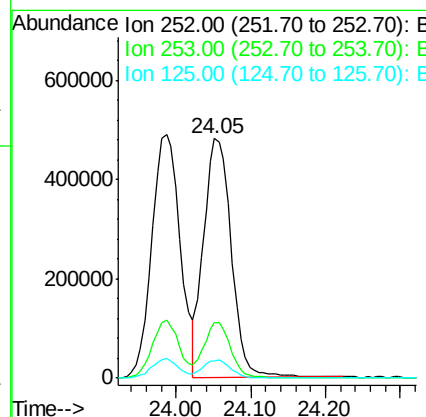
Sohil

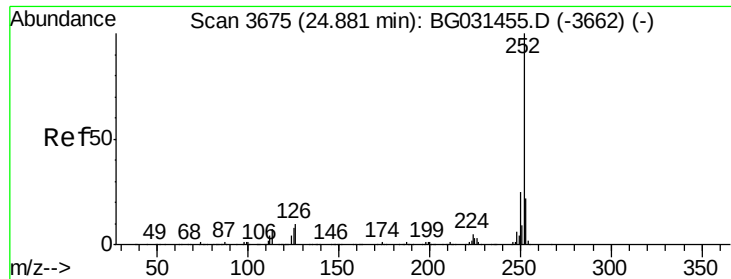
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#88
Benzo(k)fluoranthene
Concen: 74.97 ng
RT: 24.05 min Scan# 3534
Delta R.T. -0.01 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.2
125	7.3	6.6	9.8



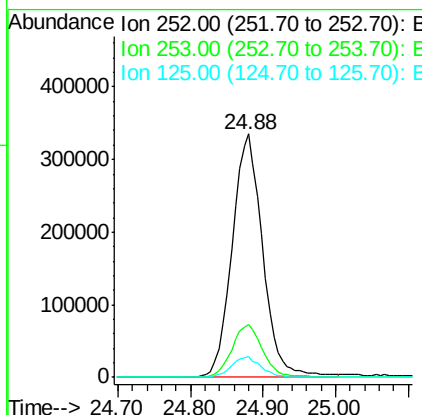
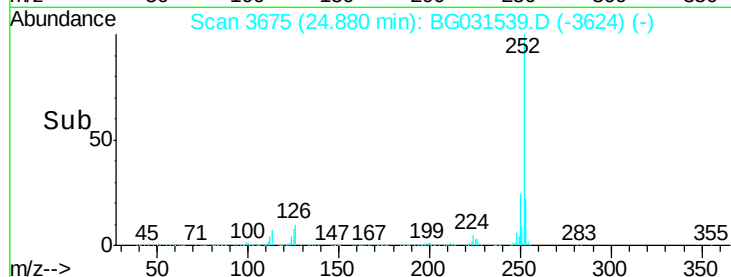
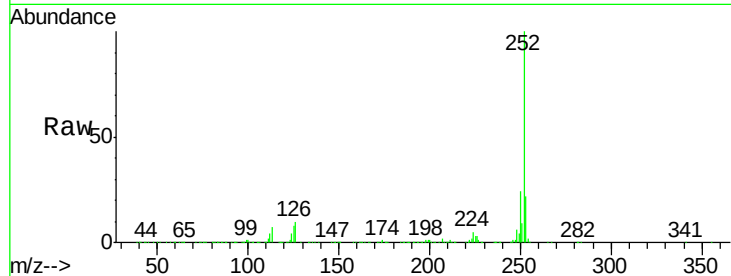


#89
Benzo(a)pyrene
Concen: 63.52 ng
RT: 24.88 min Scan# 3675
Delta R.T. -0.00 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

Instrument :
BNA_G
ClientSampleId :
OK-03-121217MSD

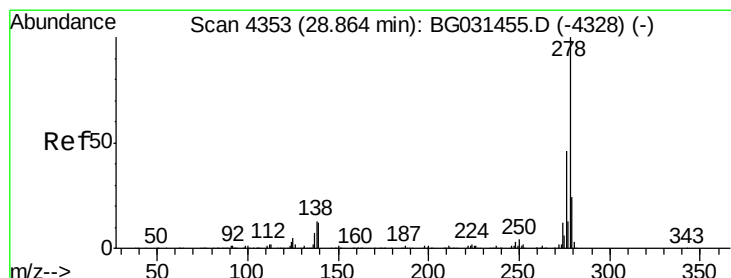
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.3	27.5
125	8.3	7.3	10.9

Manual Integrations
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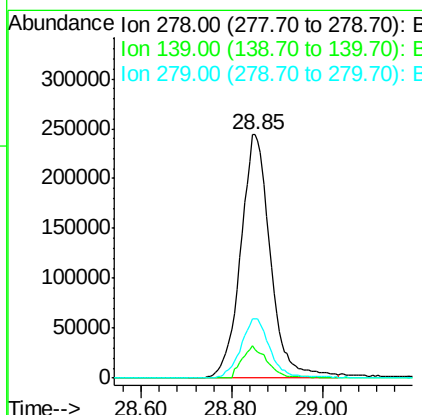
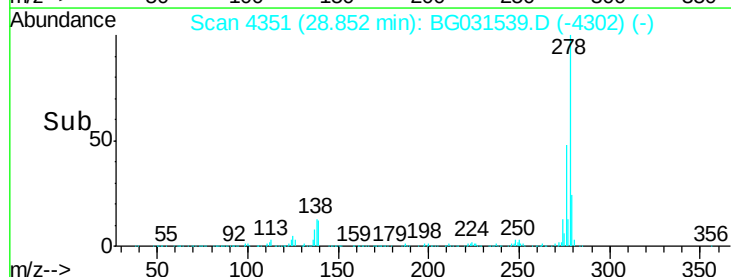
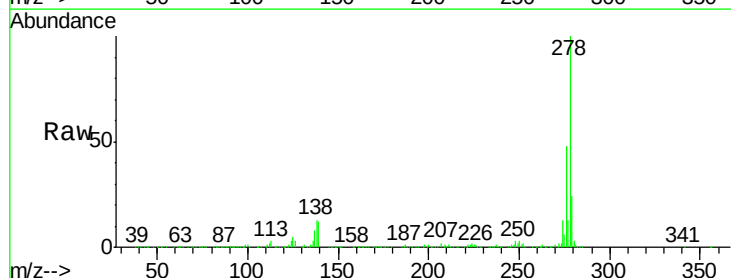
Sohil

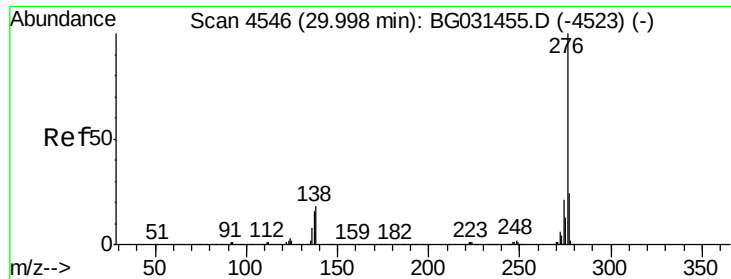
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#90
Dibenzo(a,h)anthracene
Concen: 75.63 ng
RT: 28.85 min Scan# 4351
Delta R.T. -0.01 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.0	9.8	14.6
279	24.2	18.4	27.6



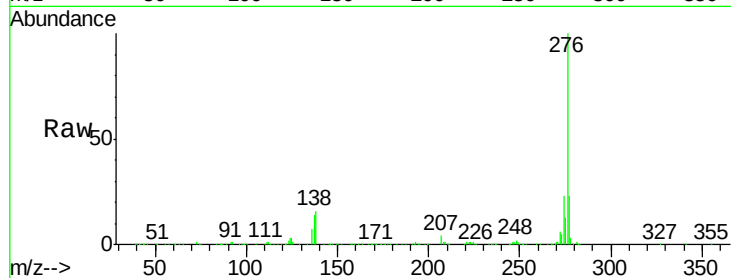


#91
 Benzo(g,h,i)perylene
 Concen: 57.99 ng
 RT: 29.99 min Scan# 4544
 Delta R.T. -0.01 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-121217MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.3	27.5
138	16.1	13.9	20.9

Manual Integrations
 APPROVED

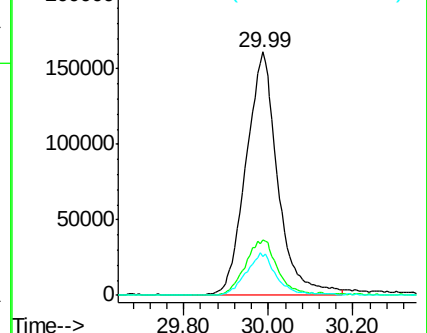
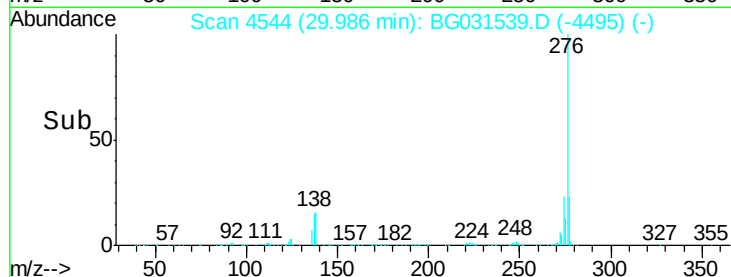


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



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