

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040318\
 Data File : BG033527.D
 Acq On : 3 Apr 2018 15:58
 Operator : SJ/JU
 Sample : J2131-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 4529-33MSD

Manual Integrations
 APPROVED

Quant Time: Apr 03 18:49:18 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 14:50:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	32943	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	144630	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	111041	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	303230	20.00	ng	0.00
75) Chrysene-d12	22.56	240	302595	20.00	ng	0.00
86) Perylene-d12	26.32	264	322296	20.00	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	6.29	112	322860	183.77	ng	0.00
7) Phenol-d6	7.98	99	455696	150.96	ng	0.00
23) Nitrobenzene-d5	10.06	82	355001	112.77	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	278583	167.75	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	836454	108.75	ng	0.00
78) Terphenyl-d14	20.73	244	1586527	112.13	ng	0.00

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Target Compounds

						Qvalue
2) 1,4-Dioxane	3.93	88	38768	43.452	ng	90
3) Pyridine	4.40	79	90271	36.601	ng	96
4) n-Nitrosodimethylamine	4.30	42	59507m	58.793	ng	
6) Aniline	8.16	93	39792	11.209	ng	89
8) 2-Chlorophenol	8.41	128	116993	58.250	ng	91
9) Benzaldehyde	7.96	77	52404m	27.317	ng	
10) Phenol	8.01	94	148973	49.985	ng	88
11) bis(2-Chloroethyl)ether	8.25	93	110702	45.507	ng	97
12) 1,3-Dichlorobenzene	8.75	146	122301m	46.576	ng	
13) 1,4-Dichlorobenzene	8.90	146	119391	45.400	ng	97
14) 1,2-Dichlorobenzene	9.23	146	121901	47.495	ng	92
15) Benzyl Alcohol	9.10	79	130230	54.795	ng	90
16) 2,2'-oxybis(1-Chloropropan	9.39	45	201681	50.856	ng	90
17) 2-Methylphenol	9.30	107	103030	50.747	ng	# 87
18) Hexachloroethane	9.98	117	50087	49.349	ng	97
19) n-Nitroso-di-n-propylamine	9.67	70	112556	50.886	ng	98
20) 3+4-Methylphenols	9.64	107	144597	50.021	ng	91
22) Acetophenone	9.70	105	193123	48.739	ng	# 98
24) Nitrobenzene	10.11	77	169831	50.403	ng	93
25) Isophorone	10.62	82	334649	54.773	ng	98
26) 2-Nitrophenol	10.84	139	69108	54.174	ng	# 82
27) 2,4-Dimethylphenol	10.87	122	115838	62.508	ng	84
28) bis(2-Chloroethoxy)methane	11.10	93	169818	55.707	ng	98
29) 2,4-Dichlorophenol	11.38	162	128595	56.426	ng	94
30) 1,2,4-Trichlorobenzene	11.60	180	140821	47.559	ng	99
31) Naphthalene	11.80	128	402752	53.738	ng	98
32) Benzoic acid	11.00	122	40035	23.240	ng	91
33) 4-Chloroaniline	11.89	127	34148	10.170	ng	97
34) Hexachlorobutadiene	12.05	225	98660	44.061	ng	95
35) Caprolactam	12.64	113	36024	40.348	ng	96
36) 4-Chloro-3-methylphenol	12.96	107	169716	57.097	ng	98
37) 2-Methylnaphthalene	13.35	142	293317	50.422	ng	91
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	191067	47.503	ng	98
40) Hexachlorocyclopentadiene	13.68	237	196213	83.215	ng	89

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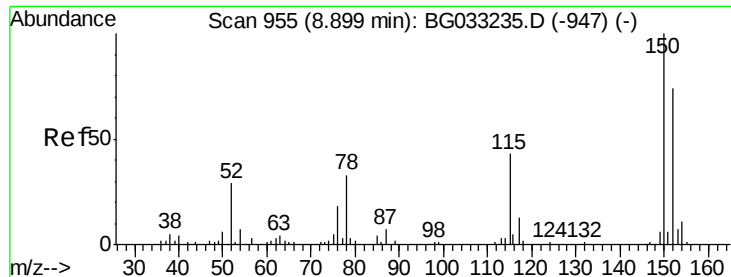
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
42) 2,4,6-Trichlorophenol	13.93	196	127640	54.619	ng	96	
43) 2,4,5-Trichlorophenol	14.01	196	147846	53.524	ng	97	
45) 1,1'-Biphenyl	14.32	154	424323	49.739	ng	97	
46) 2-Chloronaphthalene	14.37	162	321336	48.851	ng	93	
47) 2-Nitroaniline	14.57	65	139811	56.747	ng	92	
48) Acenaphthylene	15.21	152	547778	49.890	ng	98	
49) Dimethylphthalate	14.90	163	487198	50.416	ng	98	Sohil
50) 2,6-Dinitrotoluene	15.04	165	102990	52.122	ng	95	
51) Acenaphthene	15.54	154	348091	49.180	ng	93	
52) 3-Nitroaniline	15.38	138	39482	19.059	ng	#	92
53) 2,4-Dinitrophenol	15.57	184	27904	32.308	ng	#	85
54) Dibenzofuran	15.87	168	551168	52.718	ng	93	4/4/2018 4:10:49 PM
55) 4-Nitrophenol	15.67	139	132119	90.699	ng	87	
56) 2,4-Dinitrotoluene	15.82	165	155936	53.598	ng	94	
57) Fluorene	16.51	166	454389	51.015	ng	99	
58) 2,3,4,6-Tetrachlorophenol	16.09	232	153589	59.064	ng	#	97
59) Diethylphthalate	16.24	149	497863	53.057	ng	98	
60) 4-Chlorophenyl-phenylether	16.49	204	258412	50.470	ng	97	
61) 4-Nitroaniline	16.53	138	96697	46.094	ng	#	86
62) Azobenzene	16.78	77	484842	53.339	ng	98	
64) 4,6-Dinitro-2-methylphenol	16.57	198	43522	23.992	ng	98	
65) n-Nitrosodiphenylamine	16.70	169	430878	49.773	ng	97	
66) 4-Bromophenyl-phenylether	17.38	248	171179	48.068	ng	93	
67) Hexachlorobenzene	17.51	284	177470	47.220	ng	98	
68) Atrazine	17.62	200	188702	53.793	ng	96	
69) Pentachlorophenol	17.85	266	172141	66.733	ng	97	
70) Phenanthrene	18.25	178	787412	49.861	ng	98	
71) Anthracene	18.35	178	835847	52.273	ng	99	
72) Carbazole	18.60	167	716248	50.549	ng	96	
73) Di-n-butylphthalate	19.09	149	857290	51.980	ng	#	98
74) Fluoranthene	20.21	202	989507	50.633	ng	97	
76) Benzidine	20.37	184	63149	7.696	ng	98	
77) Pyrene	20.56	202	992332	49.171	ng	97	
79) Butylbenzylphthalate	21.42	149	389801	52.341	ng	96	
80) Benzo(a)anthracene	22.54	228	973175	50.507	ng	99	
81) 3,3'-Dichlorobenzidine	22.42	252	121413	17.708	ng	98	
82) Chrysene	22.61	228	921568	49.410	ng	96	
83) Bis(2-ethylhexyl)phthalate	22.35	149	541442	52.740	ng	98	
84) Di-n-octyl phthalate	23.75	149	930261	59.181	ng	99	
85) Indeno(1,2,3-cd)pyrene	30.68	276	1062899	52.708	ng	#	71
87) Benzo(b)fluoranthene	25.11	252	963812	51.761	ng	#	97
88) Benzo(k)fluoranthene	25.19	252	956039	50.765	ng	#	97
89) Benzo(a)pyrene	26.14	252	946722	52.943	ng	#	97
90) Dibenzo(a,h)anthracene	30.77	278	858397	50.961	ng	97	
91) Benzo(g,h,i)perylene	32.07	276	853563	51.174	ng	#	94

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

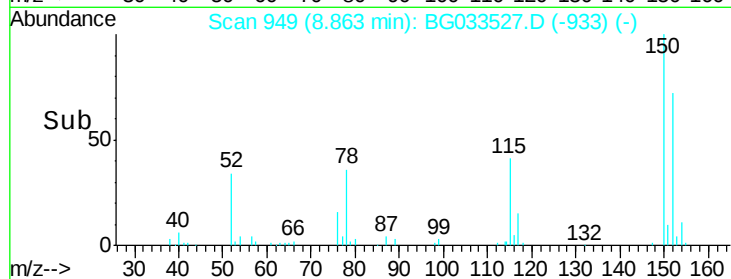
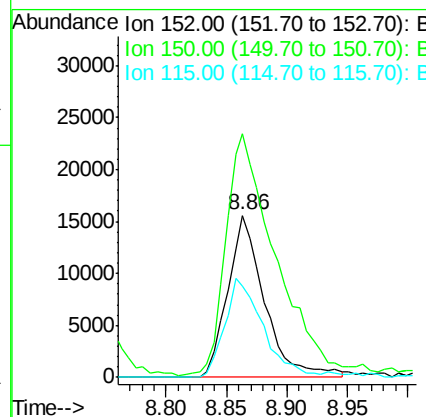
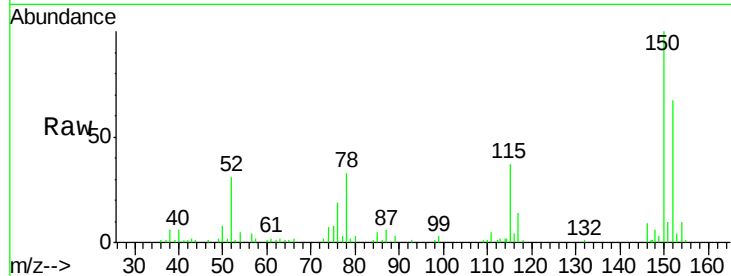


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.86 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BG033527.D
 Acq: 3 Apr 2018 15:58

Instrument :
 BNA_G
 ClientSampleId :
 4529-33MSD

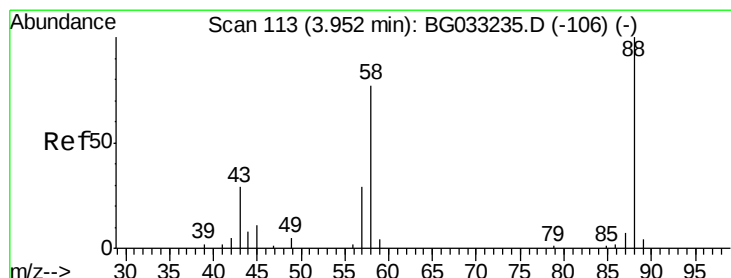
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.3	126.6	189.8
115	56.3	53.0	79.4

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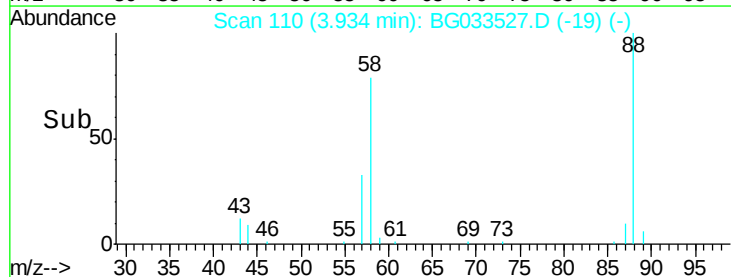
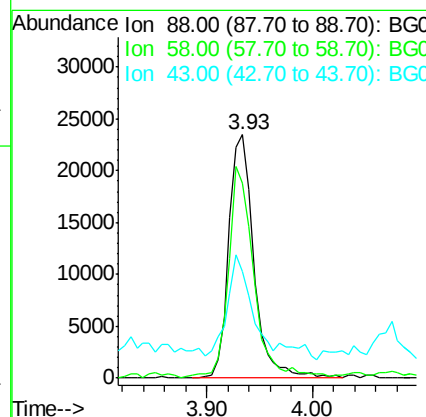
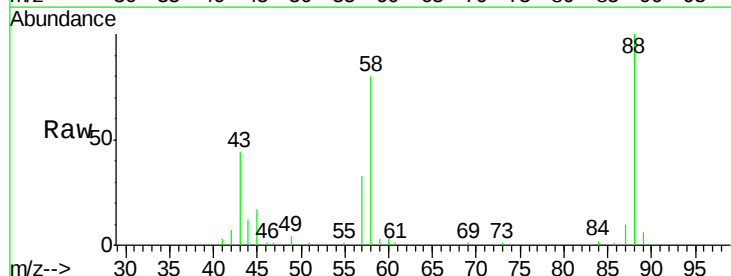
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#2
 1,4-Dioxane
 Concen: 43.452 ng
 RT: 3.93 min Scan# 110
 Delta R.T. 0.01 min
 Lab File: BG033527.D
 Acq: 3 Apr 2018 15:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.7	79.6	119.4
43	38.0	27.4	41.0





#3

Pvridine

Concen: 36.601 ng

RT: 4.40 min Scan# 189

Delta R.T. 0.01 min

Lab File: BG033527.D

Acq: 3 Apr 2018 15:58

Instrument :

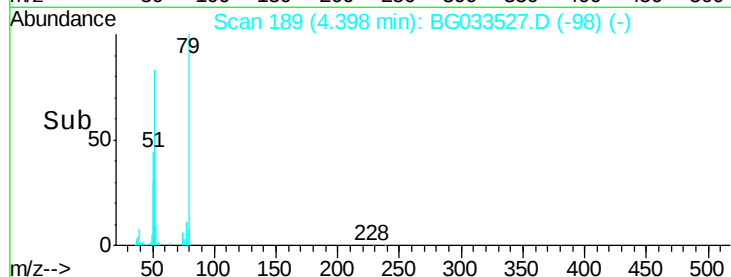
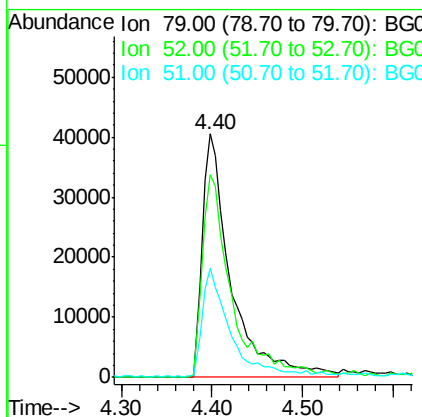
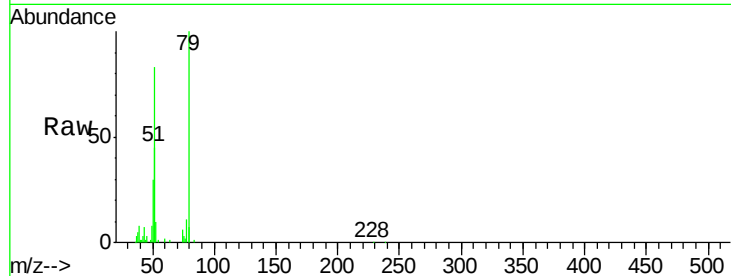
BNA_G

ClientSampleId :

4529-33MSD

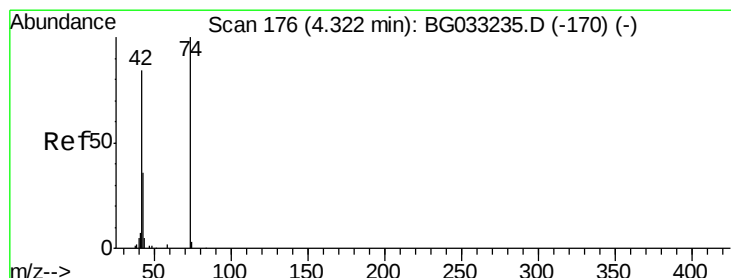
Tot Ion:	79	Resp:	90271
Ion	Ratio	Lower	Upper
79	100		
52	83.1	69.9	104.9
51	44.7	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 58.793 ng m

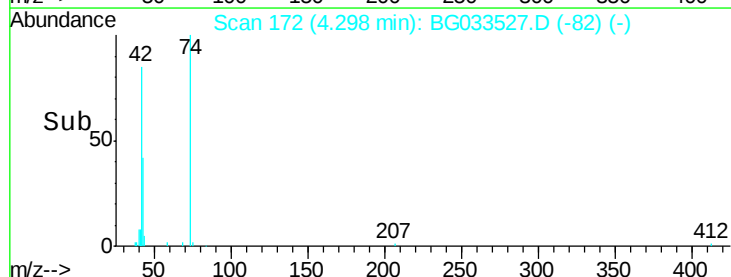
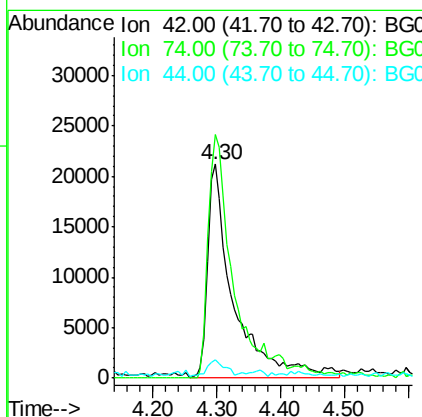
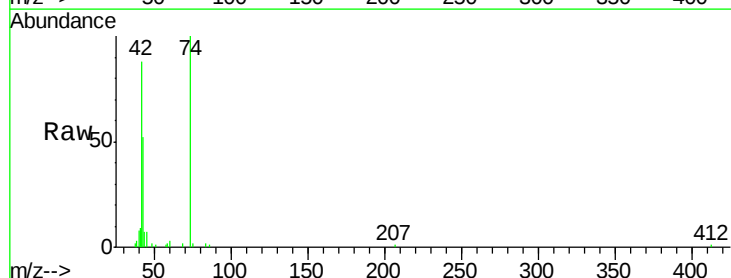
RT: 4.30 min Scan# 172

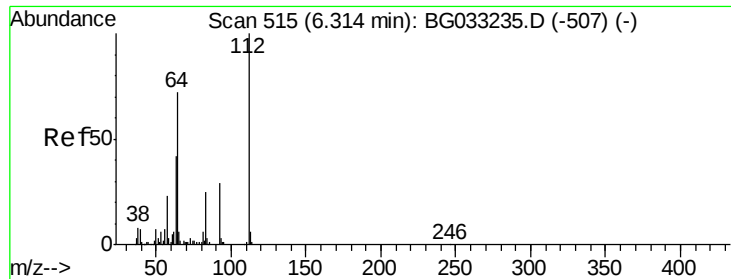
Delta R.T. -0.00 min

Lab File: BG033527.D

Acq: 3 Apr 2018 15:58

Tgt Ion:	42	Resp:	59507
Ion	Ratio	Lower	Upper
42	100		
74	113.9	102.5	153.7
44	8.5	18.9	28.3#





#5

2-Fluorophenol

Concen: 183.772 ng

RT: 6.29 min Scan# 511

Delta R.T. -0.00 min

Lab File: BG033527.D

Acq: 3 Apr 2018 15:58

Instrument :

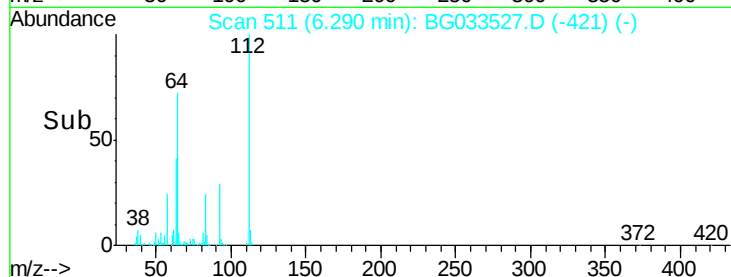
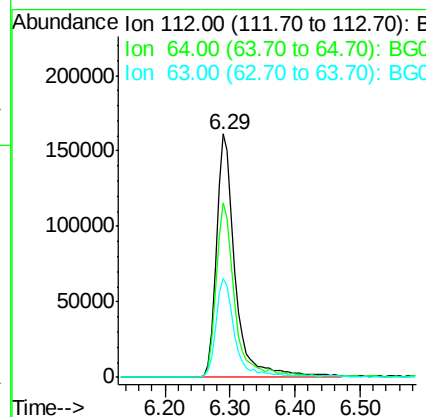
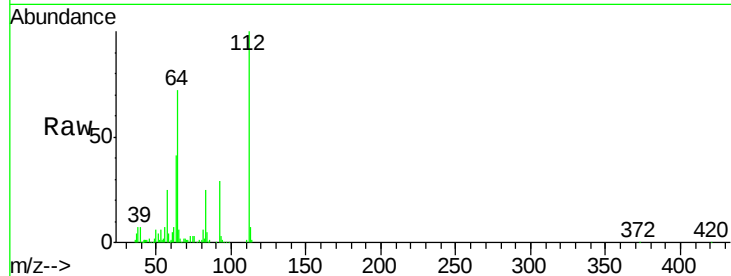
BNA_G

ClientSampled :

4529-33MSD

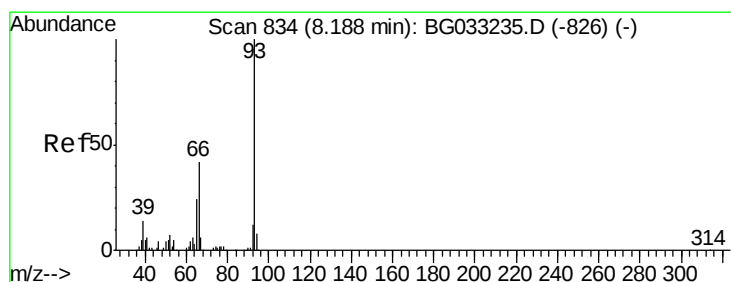
Tot Ion:	112	Resp:	322860
Ion Ratio	Lower	Upper	
112	100		
64	71.8	56.3	84.5
63	40.6	30.1	45.1

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#6

Aniline

Concen: 11.209 ng

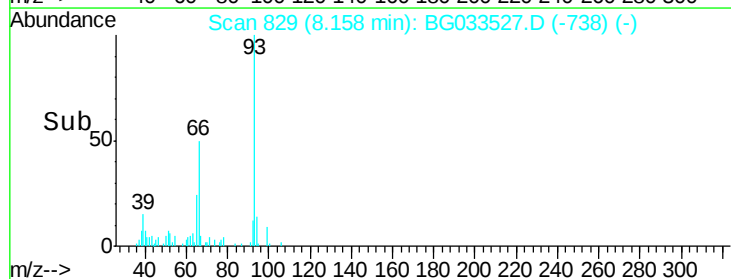
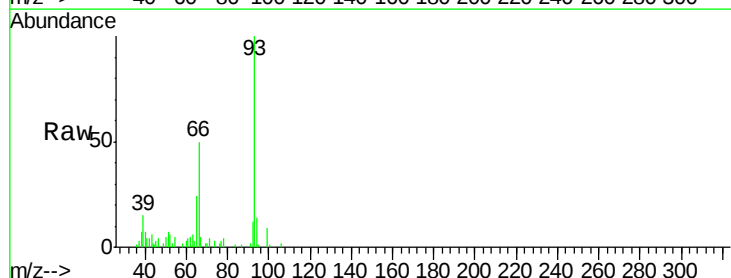
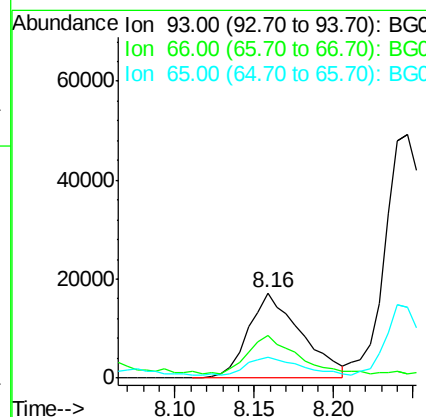
RT: 8.16 min Scan# 829

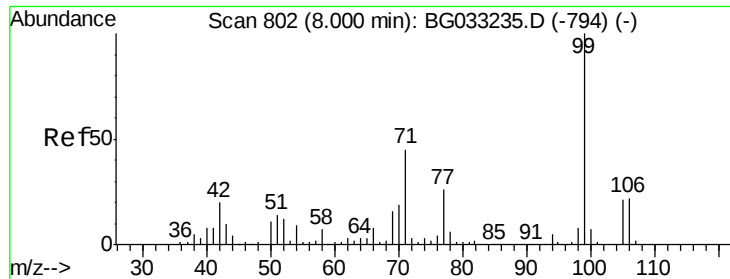
Delta R.T. 0.01 min

Lab File: BG033527.D

Acq: 3 Apr 2018 15:58

Tgt Ion:	93	Resp:	39792
Ion Ratio	Lower	Upper	
93	100		
66	49.6	33.7	50.5
65	24.1	16.1	24.1





#7

Phenol-d6

Concen: 150.961 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.01 min

Lab File: BG033527.D

Acq: 3 Apr 2018 15:58

Instrument :

BNA_G

ClientSampled :

4529-33MSD

Tot Ion: 99 Resp: 455696

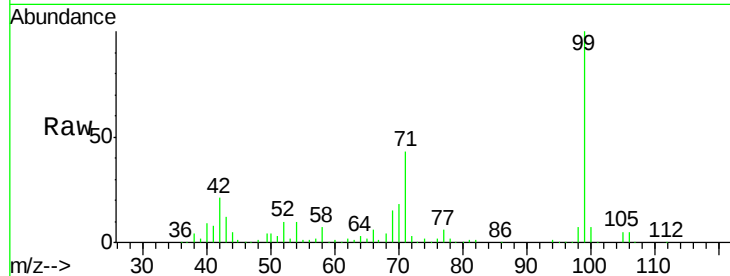
Ion Ratio Lower Upper

99 100

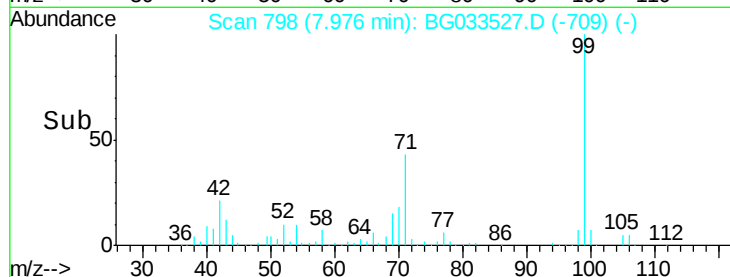
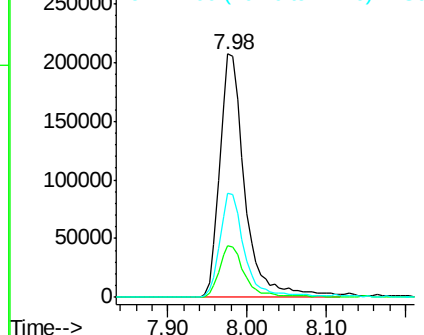
42 21.1 14.1 21.1

71 42.5 26.1 39.1#

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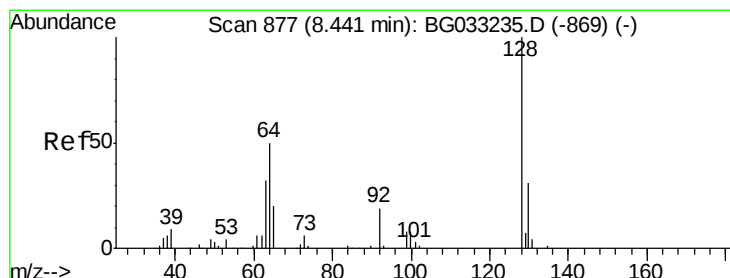


Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



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#8

2-Chlorophenol

Concen: 58.250 ng

RT: 8.41 min Scan# 872

Delta R.T. -0.00 min

Lab File: BG033527.D

Acq: 3 Apr 2018 15:58

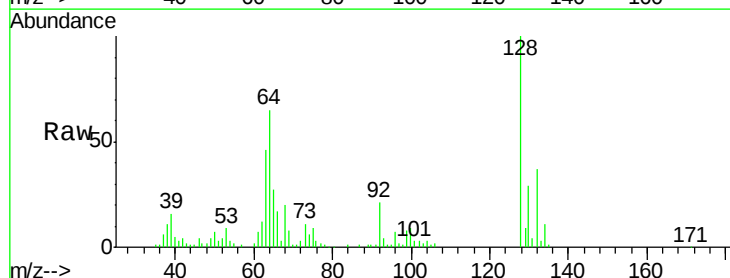
Tgt Ion: 128 Resp: 116993

Ion Ratio Lower Upper

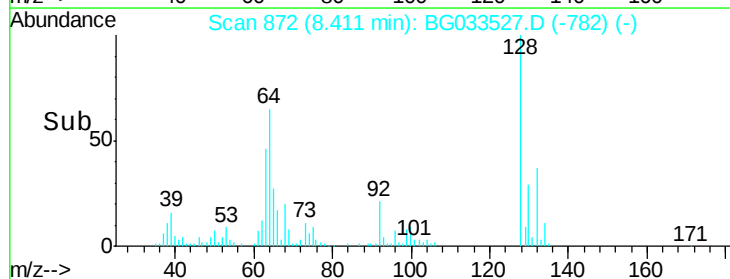
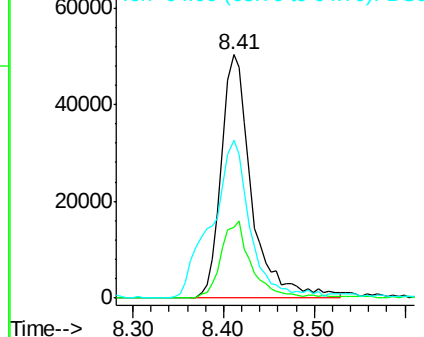
128 100

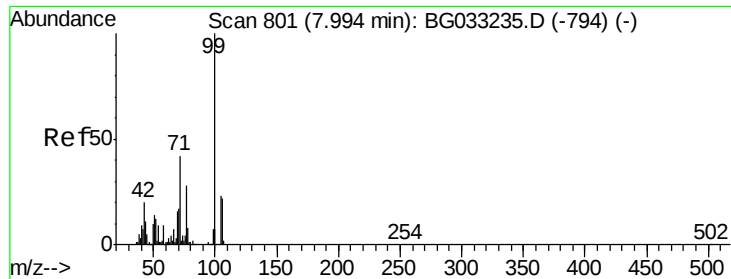
130 29.2 14.0 54.0

64 64.6 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: 27.317 ng/mL

RT: 7.96 min Scan# 796

Delta R.T. -0.01 min

Lab File: BG033527.D

Acq: 3 Apr 2018 15:58

Instrument :

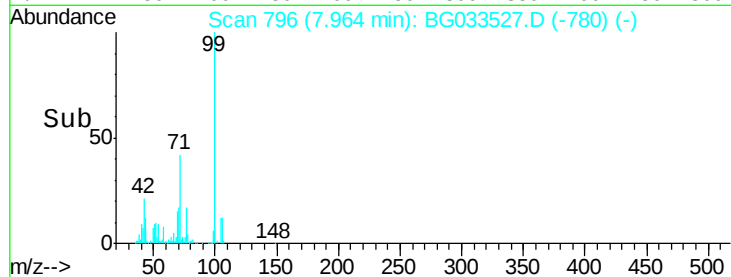
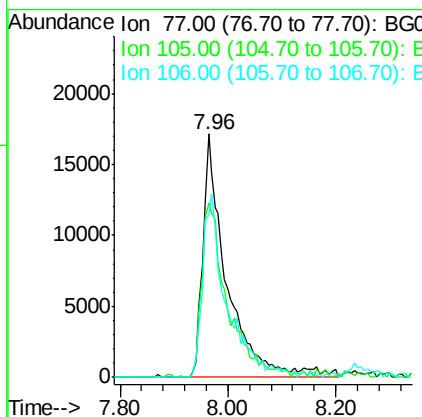
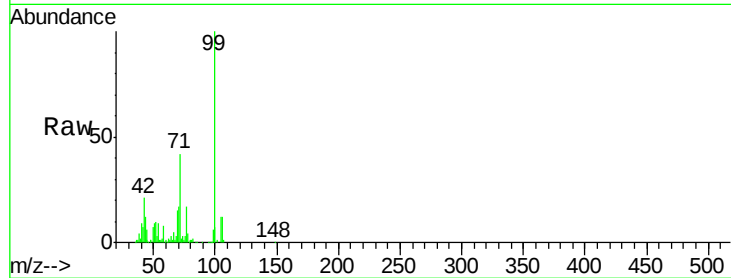
BNA_G

ClientSampleID :

4529-33MSD

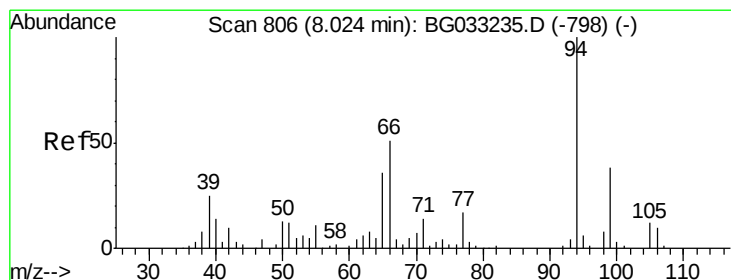
Tot Ion:	77	Resp:	52404
Ion	Ratio	Lower	Upper
77	100		
105	71.8	71.3	111.3
106	66.9	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 49.985 ng/mL

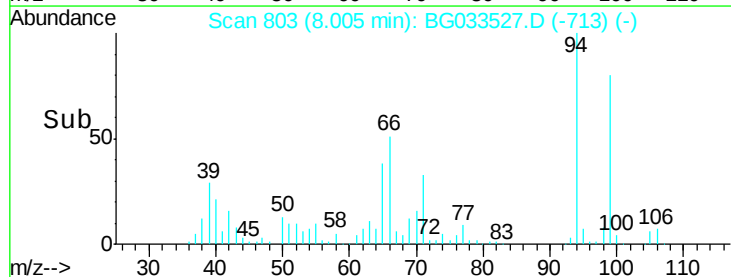
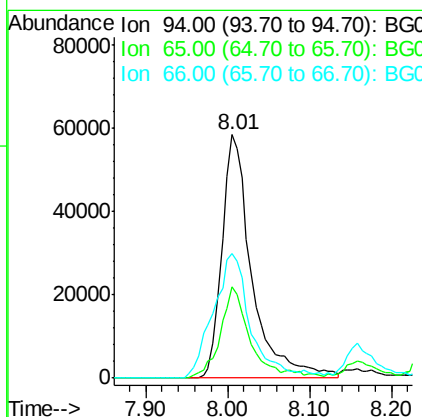
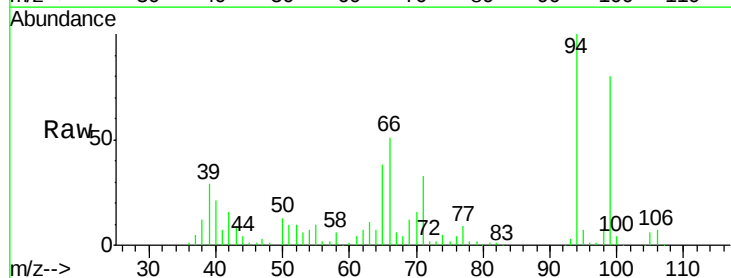
RT: 8.01 min Scan# 803

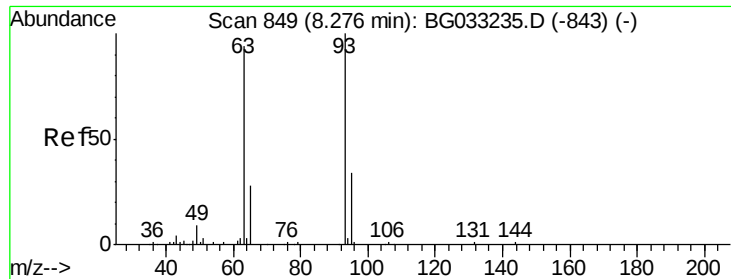
Delta R.T. -0.00 min

Lab File: BG033527.D

Acq: 3 Apr 2018 15:58

Tgt Ion:	94	Resp:	148973
Ion	Ratio	Lower	Upper
94	100		
65	37.6	11.9	51.9
66	51.1	22.2	62.2



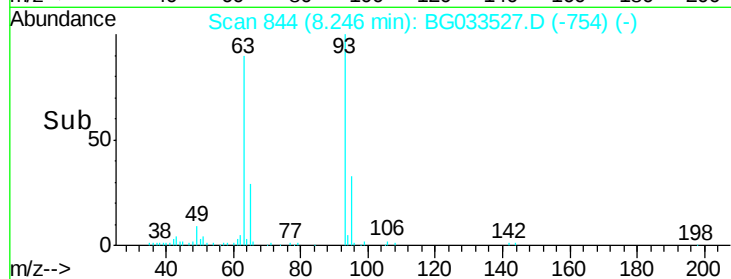
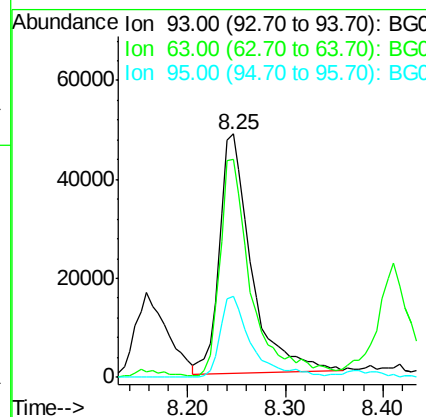
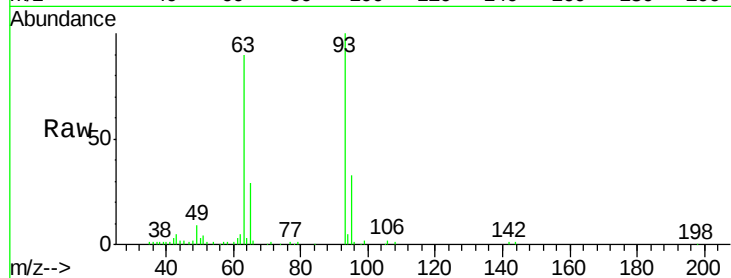


#11
bis(2-Chloroethyl)ether
Concen: 45.507 ng
RT: 8.25 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG033527.D
Acq: 3 Apr 2018 15:58

Instrument :
BNA_G
ClientSampleId :
4529-33MSD

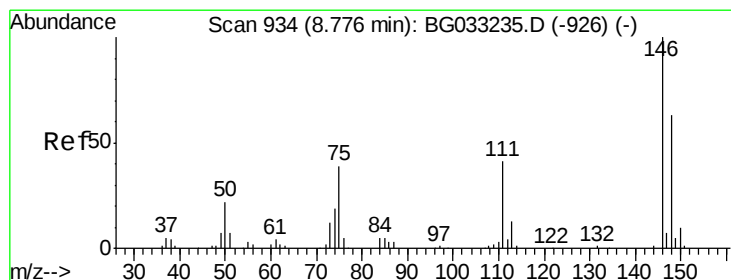
Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	89.6	67.1	107.1	
95	33.9	11.5	51.5	

Manual Integrations
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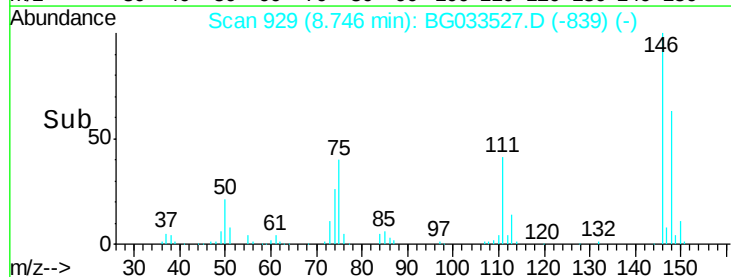
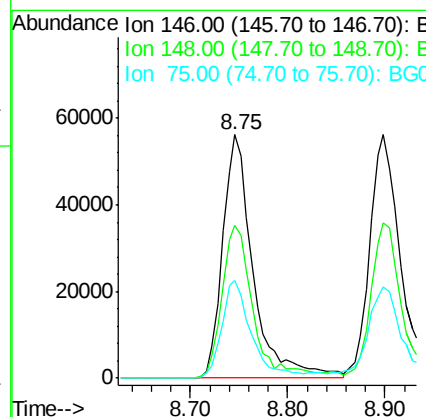
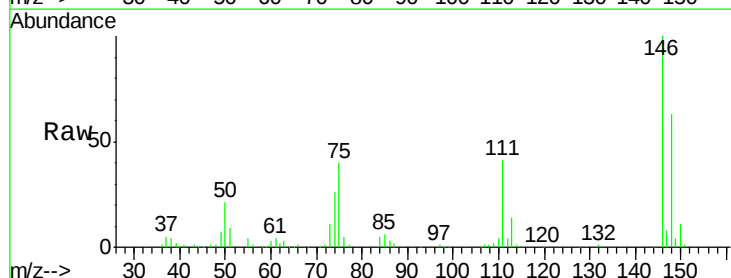
Sohil

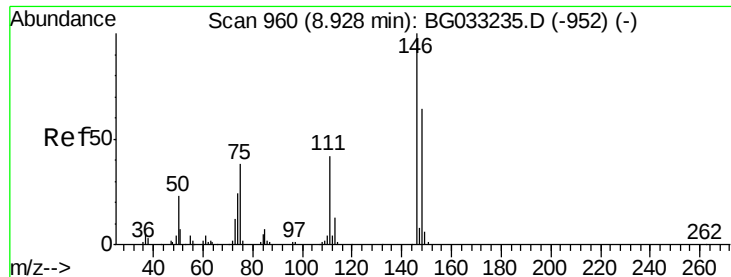
4/4/2018 4:10:49 PM



#12
1,3-Dichlorobenzene
Concen: 46.576 ng m
RT: 8.75 min Scan# 929
Delta R.T. -0.00 min
Lab File: BG033527.D
Acq: 3 Apr 2018 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	62.6	51.4	77.2	
75	40.3	26.6	39.8#	



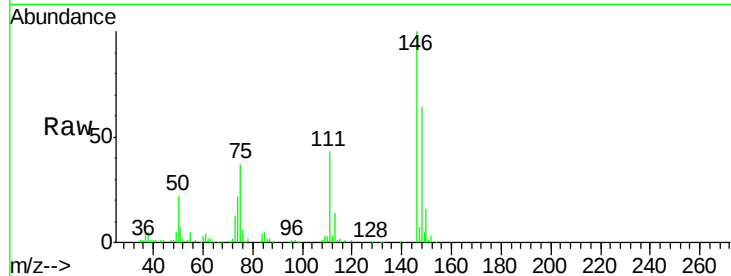


#13
1,4-Dichlorobenzene
Concen: 45.400 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.00 min
Lab File: BG033527.D
Acq: 3 Apr 2018 15:58

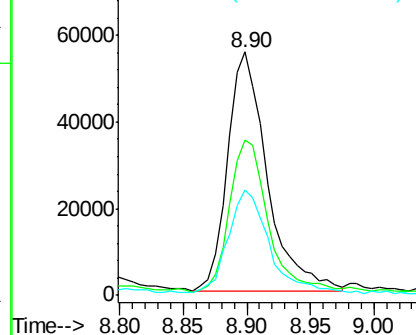
Instrument :
BNA_G
ClientSampleId :
4529-33MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	53.7	80.5
111	43.1	35.2	52.8

Manual Integrations
APPROVED

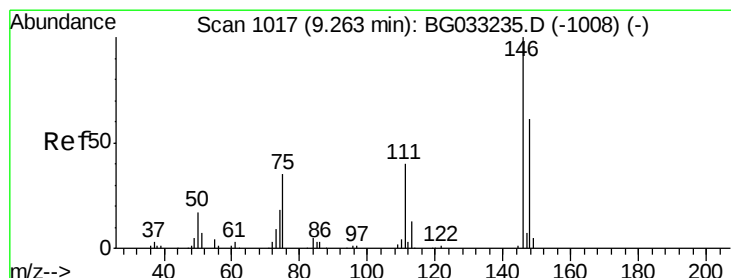
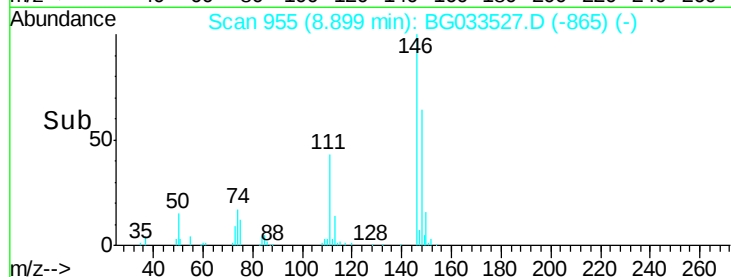


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



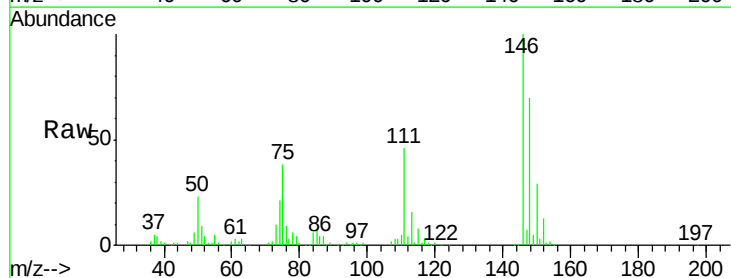
Sohil

4/4/2018 4:10:49 PM

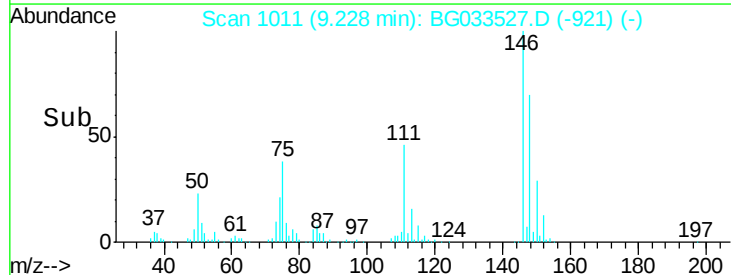
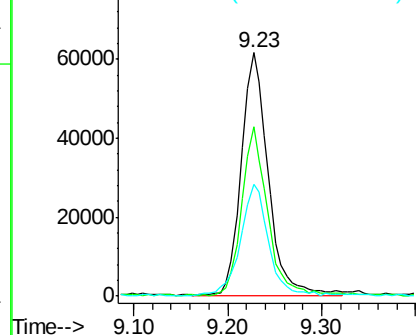


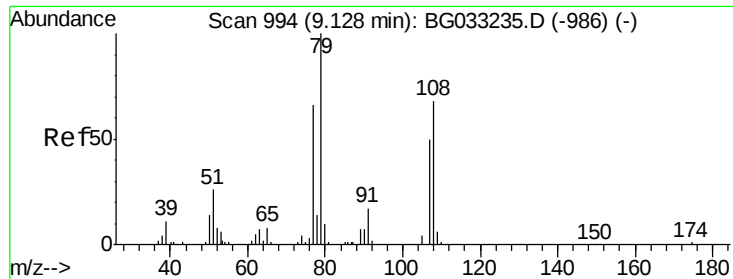
#14
1,2-Dichlorobenzene
Concen: 47.495 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BG033527.D
Acq: 3 Apr 2018 15:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.7	49.3	73.9
111	46.0	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



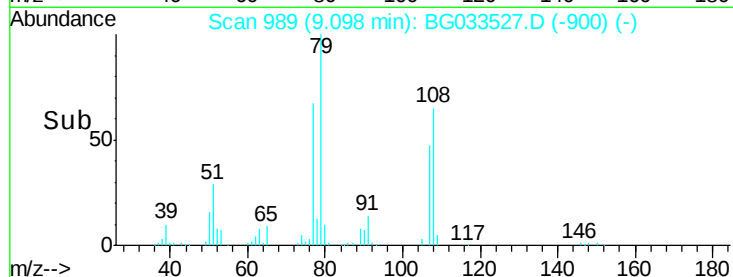
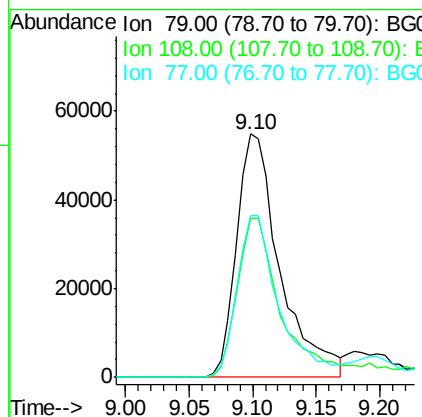
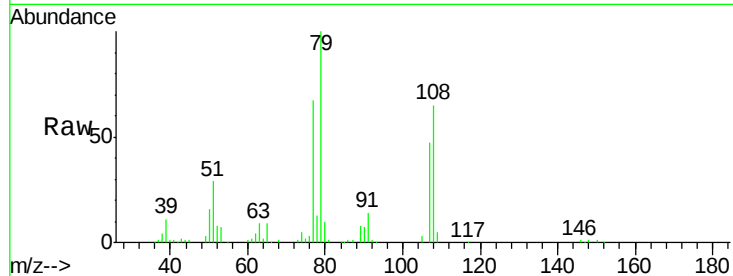


#15
Benzyl Alcohol
Concen: 54.795 ng
RT: 9.10 min Scan# 989
Delta R.T. -0.01 min
Lab File: BG033527.D
Acq: 3 Apr 2018 15:58

Instrument :
BNA_G
ClientSampleId :
4529-33MSD

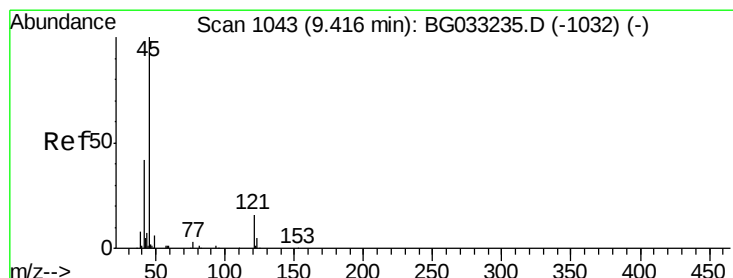
Tot Ion	Ratio	Lower	Upper
79	100		
108	65.1	57.2	85.8
77	66.5	46.1	69.1

Manual Integrations
APPROVED



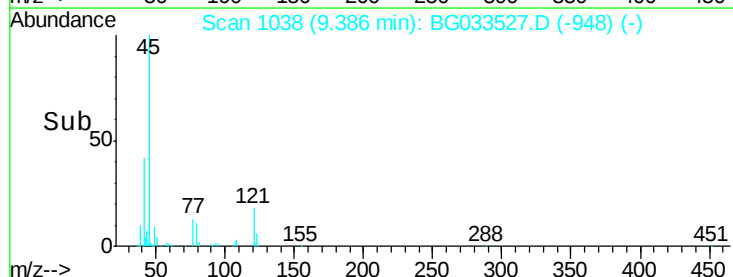
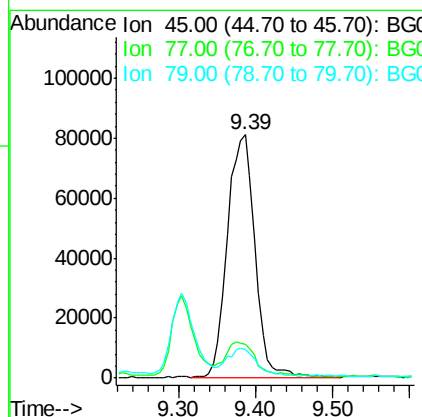
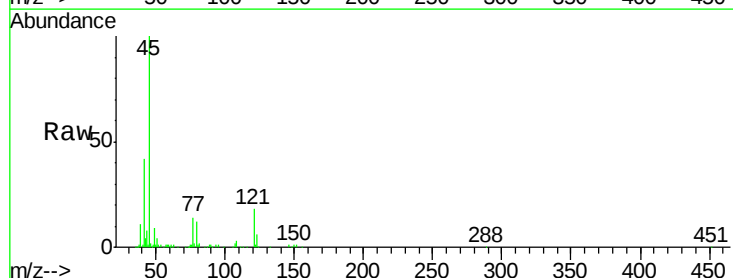
Sohil

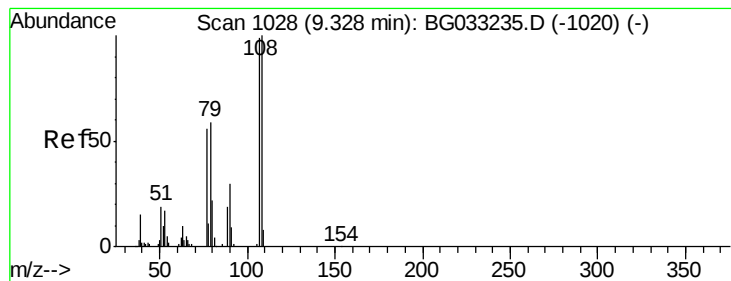
4/4/2018 4:10:49 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.856 ng
RT: 9.39 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG033527.D
Acq: 3 Apr 2018 15:58

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.0	0.0	30.2
79	11.6	0.0	27.9



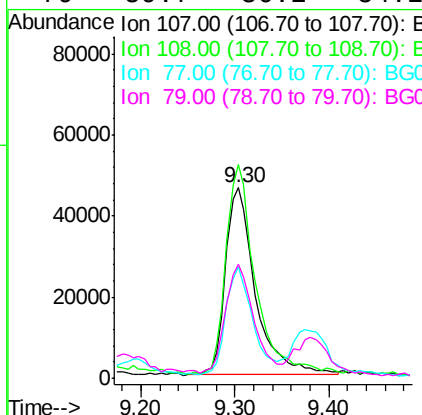
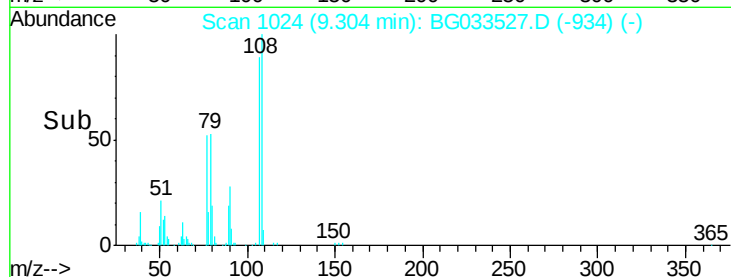
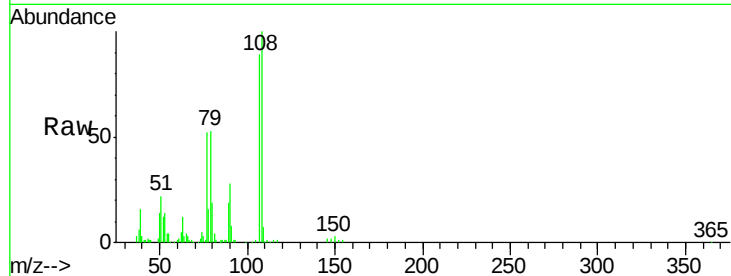


#17
2-Methylphenol
Concen: 50.747 ng
RT: 9.30 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG033527.D
Acq: 3 Apr 2018 15:58

Instrument :
BNA_G
ClientSampleId :
4529-33MSD

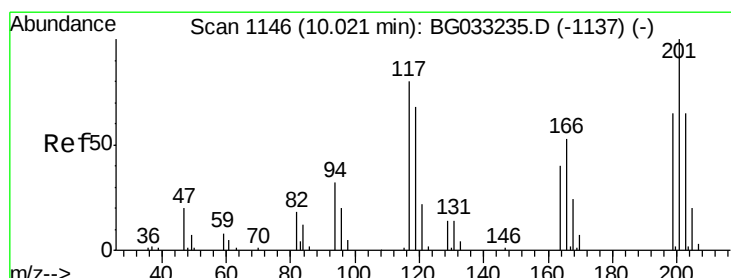
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.0	83.9	125.9	
77	58.6	37.2	55.8	
79	59.7	36.2	54.2	

Manual Integrations
APPROVED



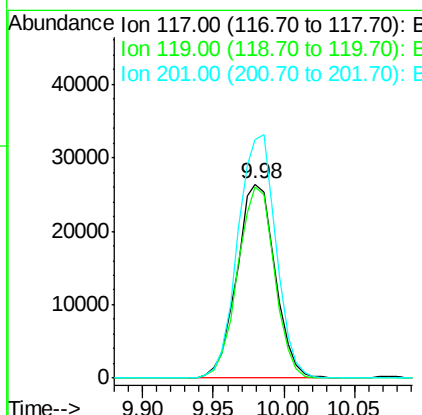
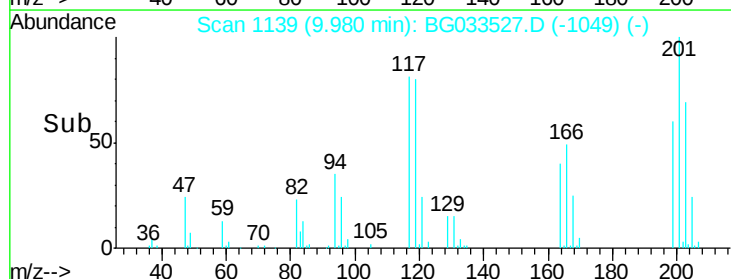
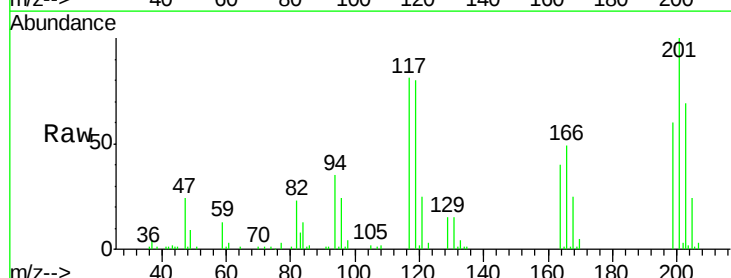
Sohil

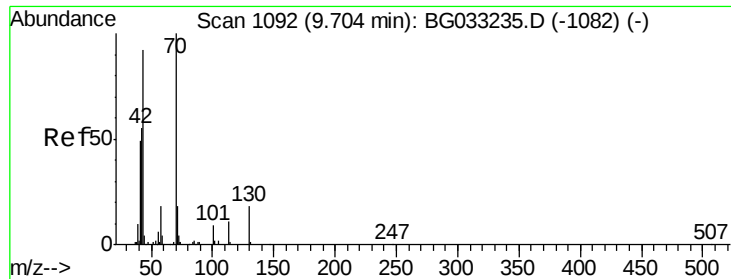
4/4/2018 4:10:49 PM



#18
Hexachloroethane
Concen: 49.349 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BG033527.D
Acq: 3 Apr 2018 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.3	76.7	115.1	
201	123.0	95.7	143.5	



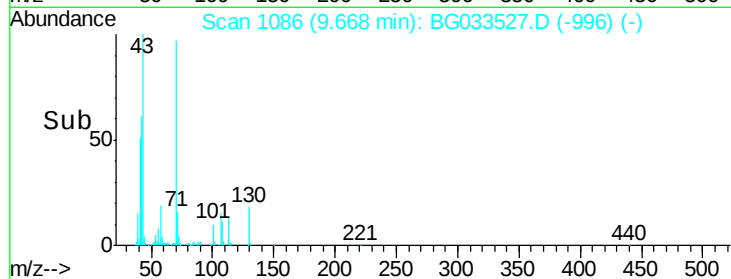
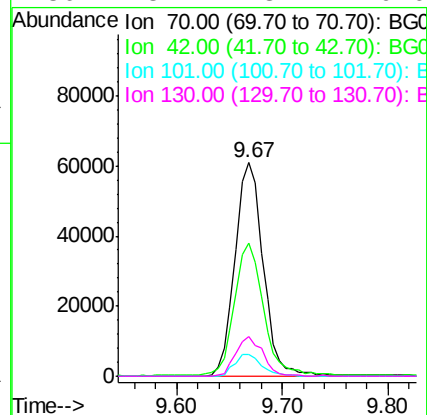
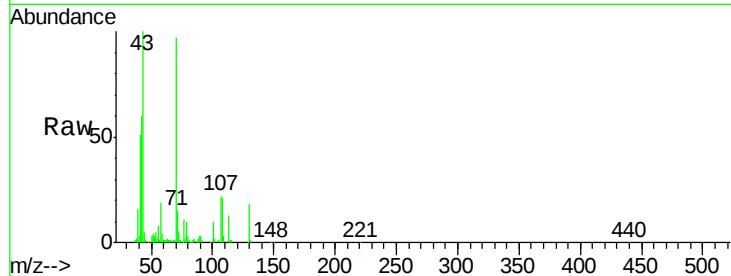


#19
n-Nitroso-di-n-propylamine
Concen: 50.886 ng
RT: 9.67 min Scan# 1086
Delta R.T. -0.00 min
Lab File: BG033527.D
Acq: 3 Apr 2018 15:58

Instrument :
BNA_G
ClientSampleId :
4529-33MSD

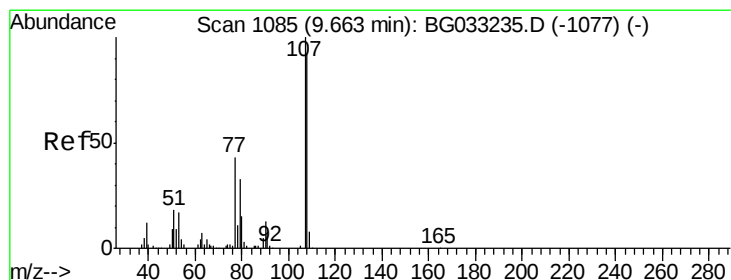
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.6	49.1	73.7	
101	10.2	8.5	12.7	
130	18.4	13.4	20.0	

Manual Integrations
APPROVED



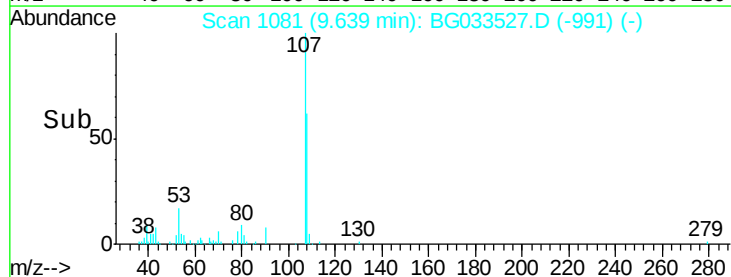
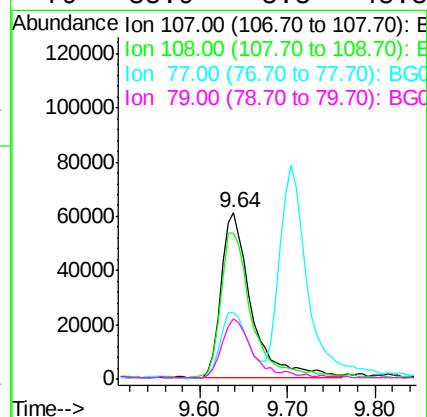
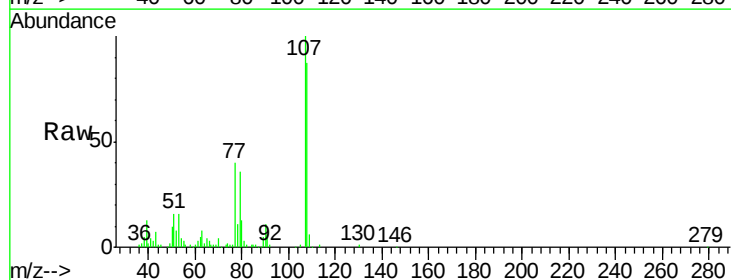
Sohil

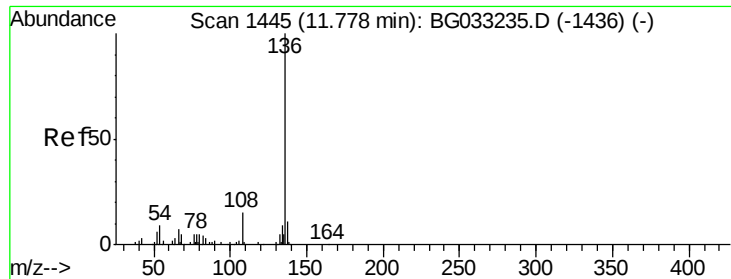
4/4/2018 4:10:49 PM



#20
3+4-Methylphenols
Concen: 50.021 ng
RT: 9.64 min Scan# 1081
Delta R.T. -0.00 min
Lab File: BG033527.D
Acq: 3 Apr 2018 15:58

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.4	61.6	101.6	
77	39.9	13.9	53.9	
79	35.9	8.8	48.8	



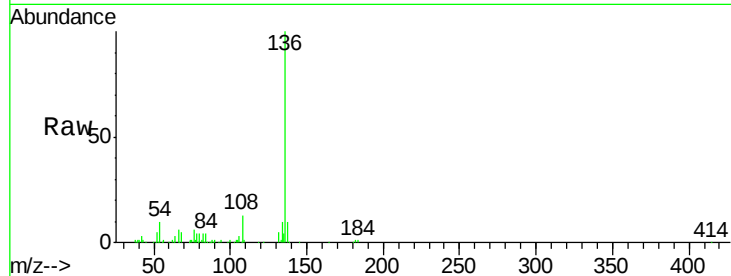


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BG033527.D
Acq: 3 Apr 2018 15:58

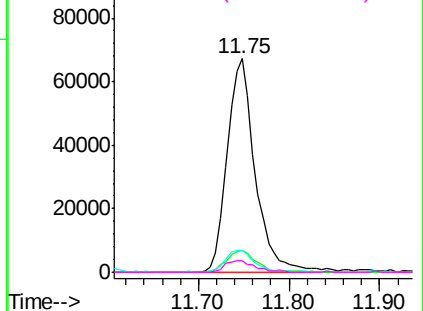
Instrument :
BNA_G
ClientSampleId :
4529-33MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.2	9.2	13.8	
54	10.5	10.3	15.5	
68	5.3	4.5	6.7	

Manual Integrations
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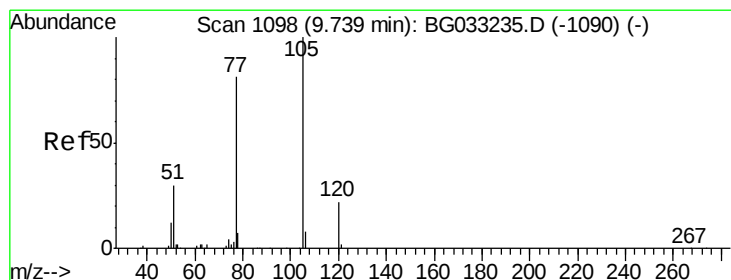
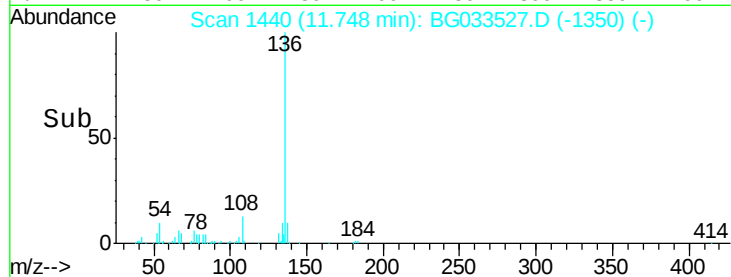


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Sohil

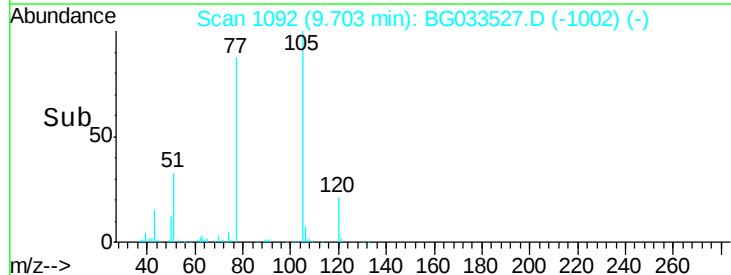
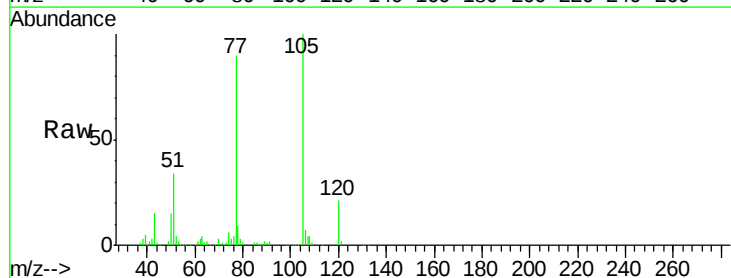
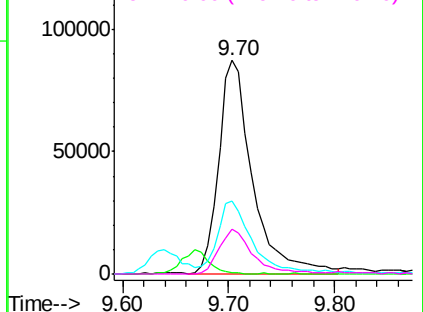
4/4/2018 4:10:49 PM

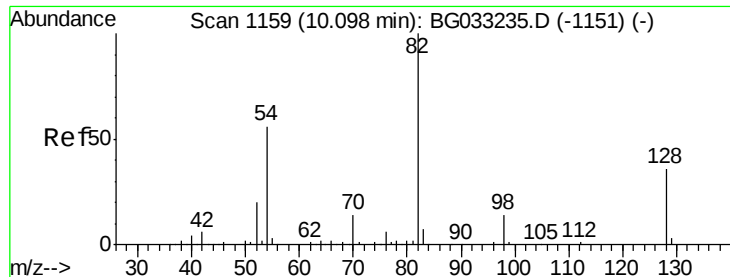


#22
Acetophenone
Concen: 48.739 ng
RT: 9.70 min Scan# 1092
Delta R.T. -0.00 min
Lab File: BG033527.D
Acq: 3 Apr 2018 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.5	3.0	4.4#	
51	34.0	26.1	39.1	
120	21.3	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



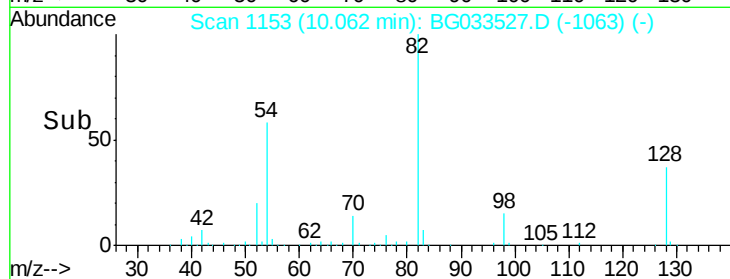
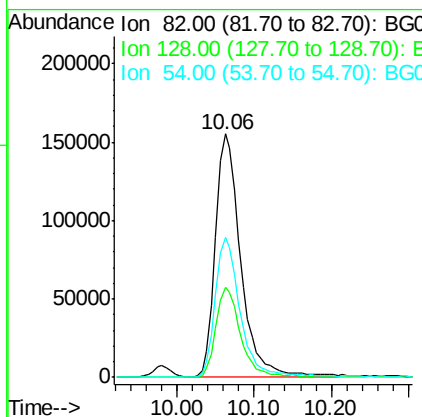
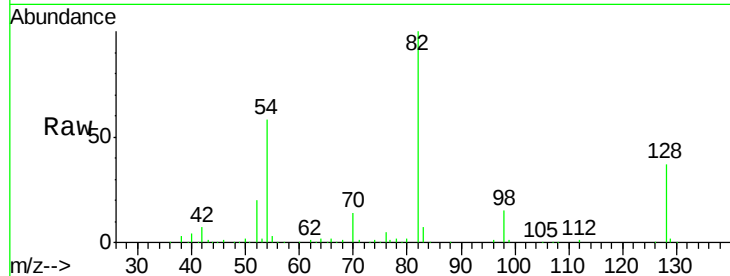


#23
 Nitrobenzene-d5
 Concen: 112.772 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BG033527.D
 Acq: 3 Apr 2018 15:58

Instrument :
 BNA_G
 ClientSampleId :
 4529-33MSD

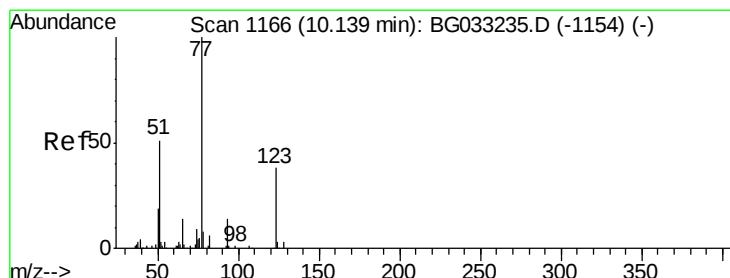
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	36.8	29.7	44.5	
54	57.7	43.1	64.7	

Manual Integrations
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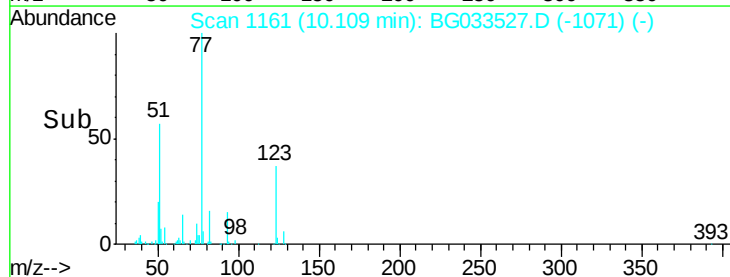
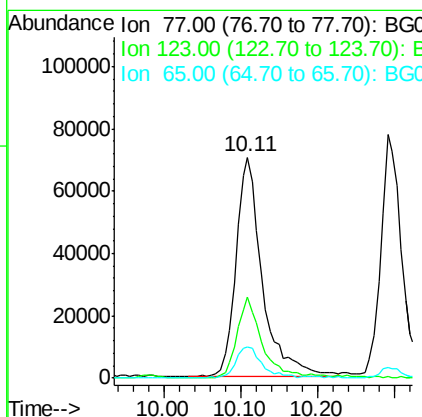
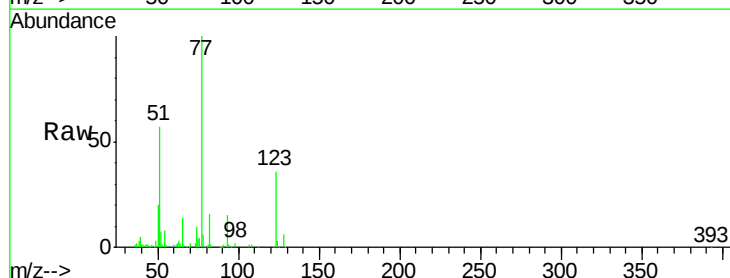
Sohil

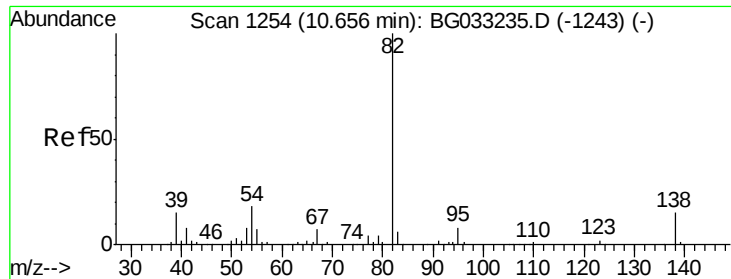
4/4/2018 4:10:49 PM



#24
 Nitrobenzene
 Concen: 50.403 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BG033527.D
 Acq: 3 Apr 2018 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	36.5	33.0	49.6	
65	14.0	13.0	19.6	





#25

Isophorone

Concen: 54.773 ng

RT: 10.62 min Scan# 1248

Delta R.T. -0.00 min

Lab File: BG033527.D

Acq: 3 Apr 2018 15:58

Instrument :

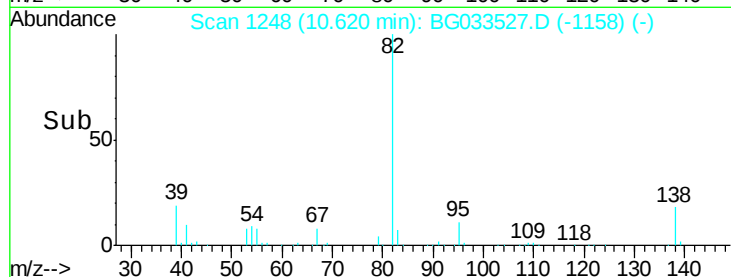
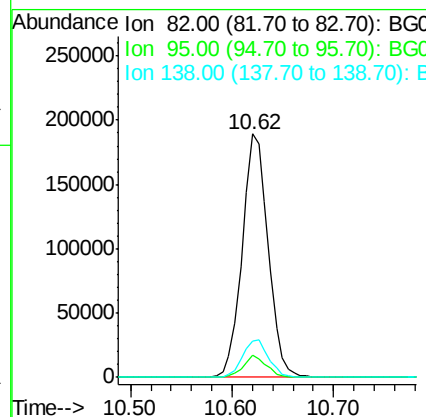
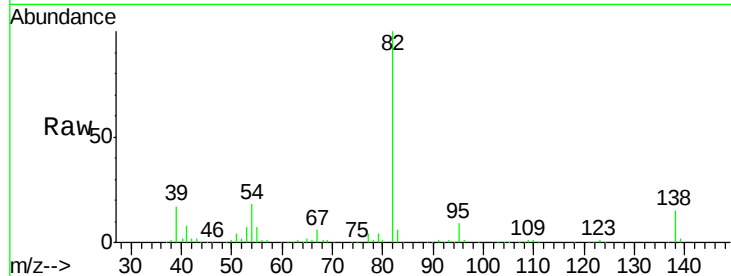
BNA_G

ClientSampleId :

4529-33MSD

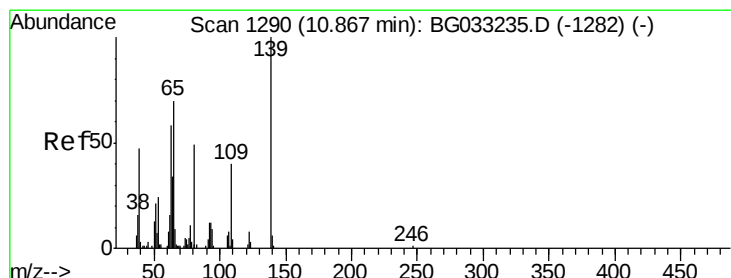
Tot Ion:	82	Resp:	334649
Ion Ratio		Lower	Upper
82	100		
95	8.9	6.2	9.2
138	14.9	12.1	18.1

Manual Integrations
APPROVED



Sohil

4/4/2018 4:10:49 PM



#26

2-Nitrophenol

Concen: 54.174 ng

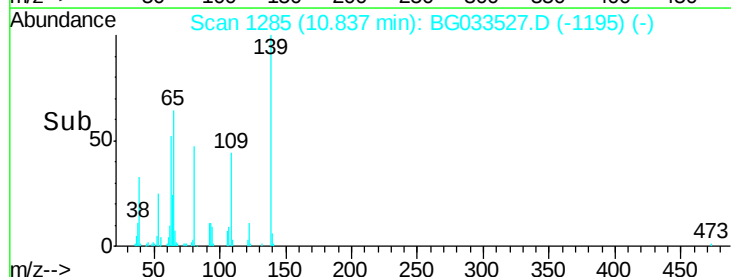
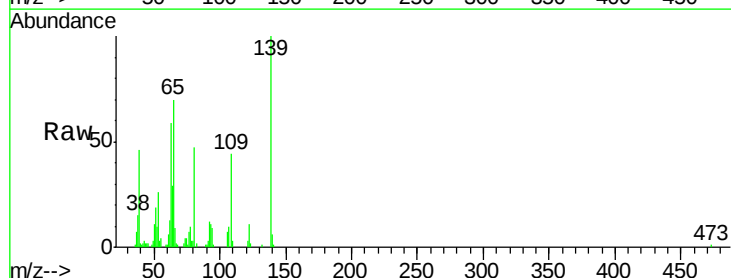
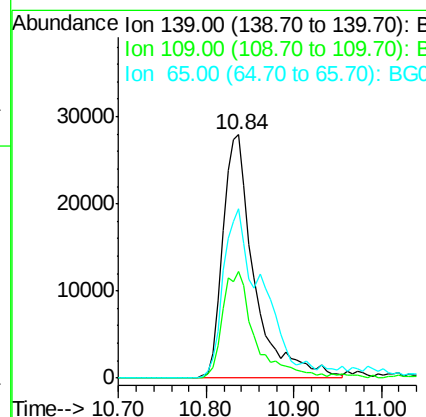
RT: 10.84 min Scan# 1285

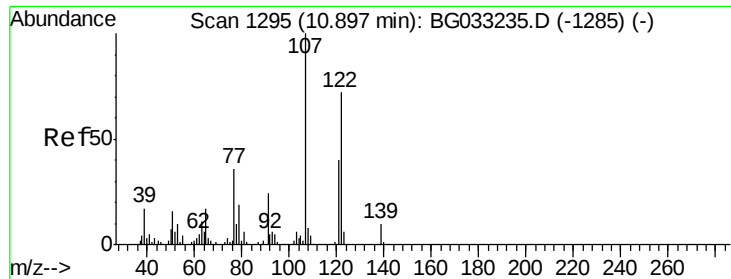
Delta R.T. -0.00 min

Lab File: BG033527.D

Acq: 3 Apr 2018 15:58

Tgt Ion:	139	Resp:	69108
Ion Ratio		Lower	Upper
139	100		
109	44.0	24.2	36.2#
65	69.6	47.4	71.0



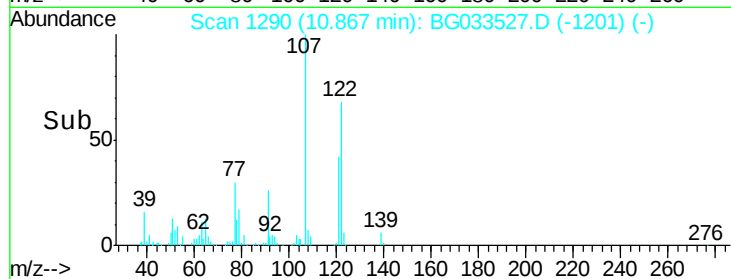
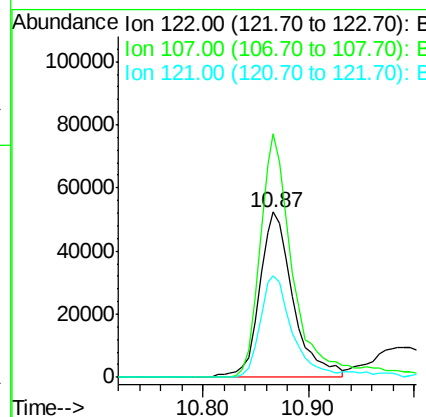
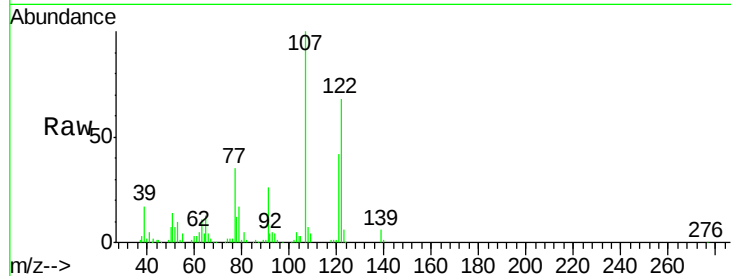


#27
 2,4-Dimethylphenol
 Concen: 62.508 ng
 RT: 10.87 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BG033527.D
 Acq: 3 Apr 2018 15:58

Instrument :
 BNA_G
 ClientSampleId :
 4529-33MSD

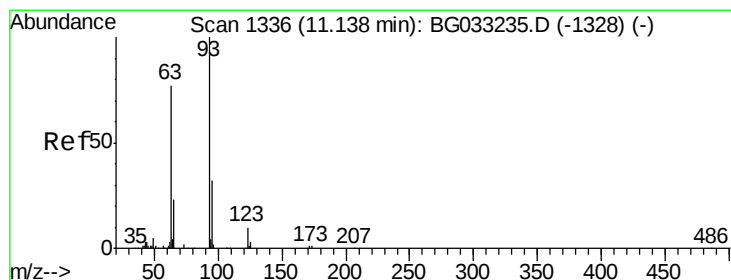
Tot Ion	Ratio	Lower	Upper
122	100		
107	147.1	100.2	150.2
121	61.7	44.4	66.6

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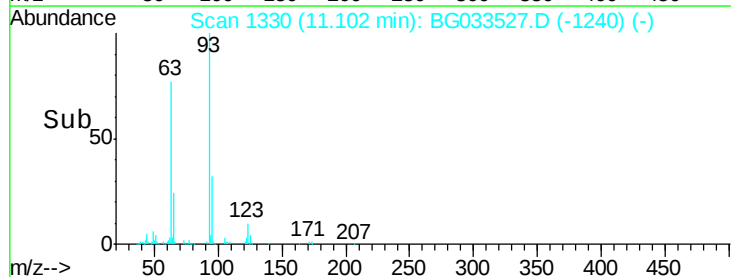
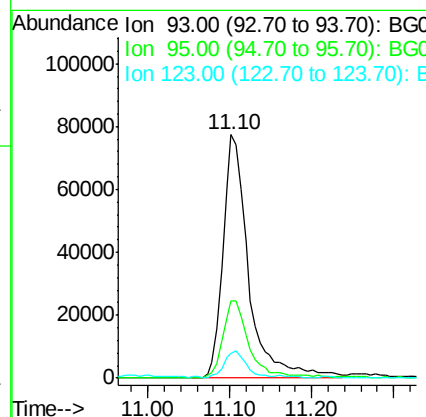
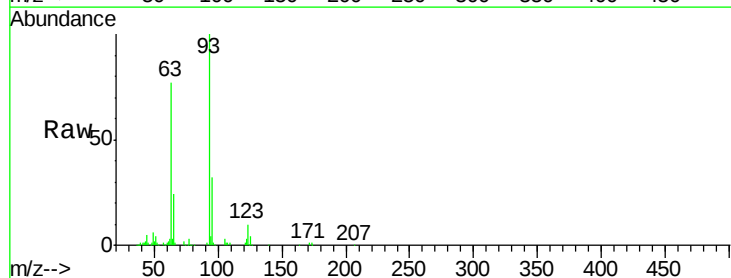
Sohil

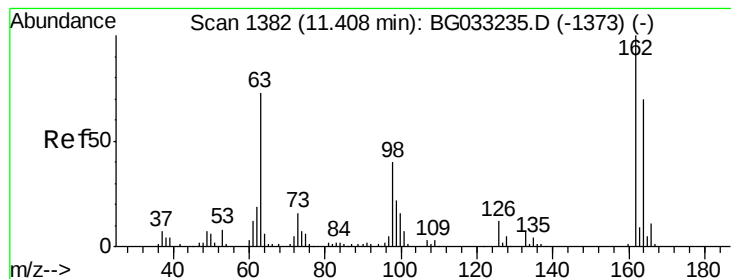
4/4/2018 4:10:49 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 55.707 ng
 RT: 11.10 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: BG033527.D
 Acq: 3 Apr 2018 15:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	24.3	36.5
123	10.1	8.4	12.6





#29

2,4-Dichlorophenol

Concen: 56.426 ng

RT: 11.38 min Scan# 1378

Delta R.T. 0.01 min

Lab File: BG033527.D

Acq: 3 Apr 2018 15:58

Instrument :

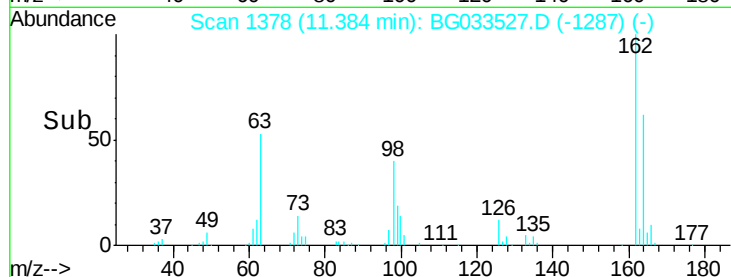
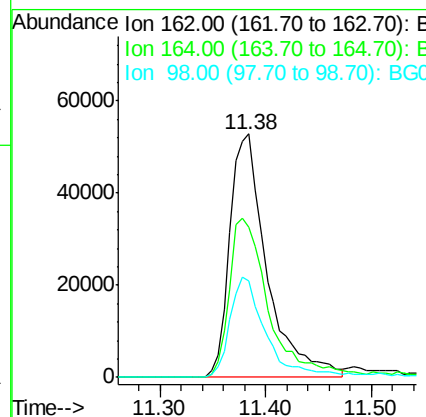
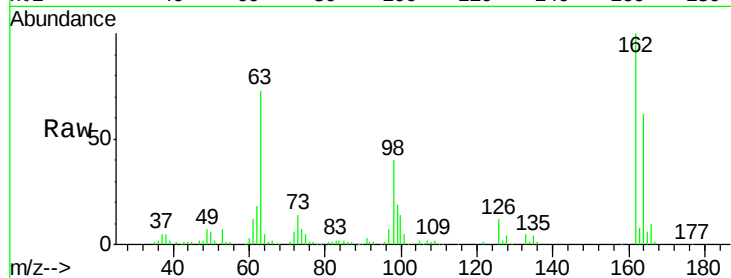
BNA_G

ClientSampleId :

4529-33MSD

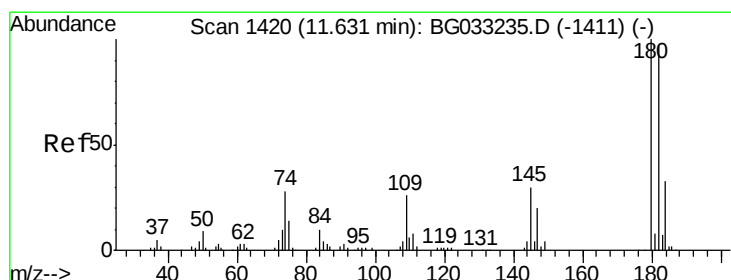
Tot Ion:	162	Resp:	128595
Ion Ratio	Lower	Upper	
162	100		
164	61.7	48.0	88.0
98	39.9	21.1	61.1

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 47.559 ng

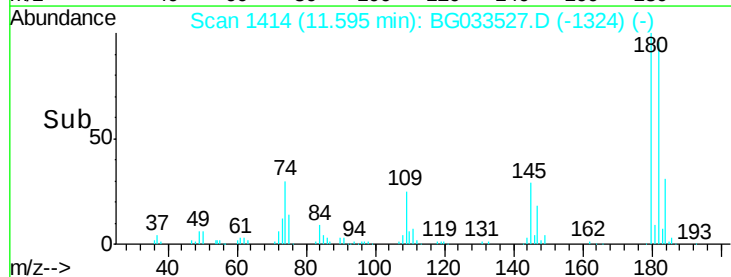
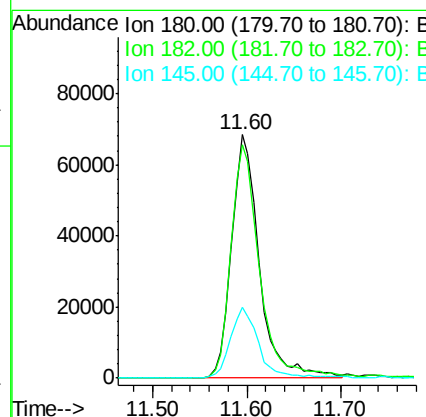
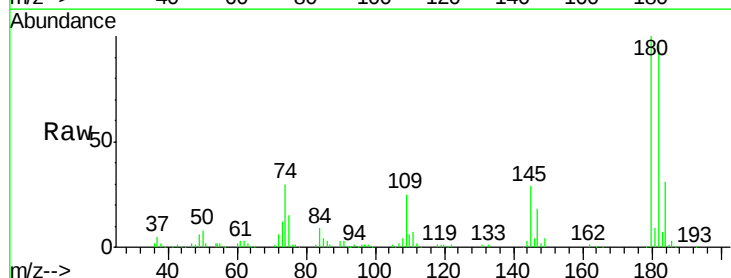
RT: 11.60 min Scan# 1414

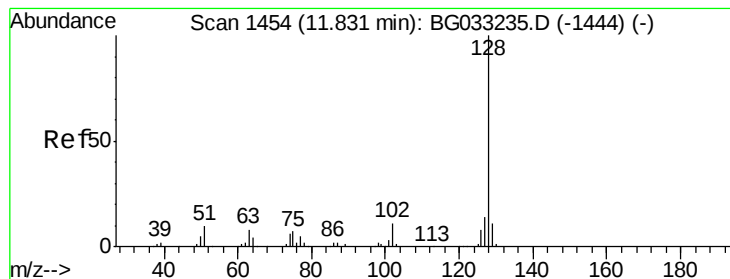
Delta R.T. -0.00 min

Lab File: BG033527.D

Acq: 3 Apr 2018 15:58

Tgt Ion:	180	Resp:	140821
Ion Ratio	Lower	Upper	
180	100		
182	95.7	77.5	116.3
145	29.2	23.4	35.2





#31

Naphthalene

Concen: 53.738 ng

RT: 11.80 min Scan# 1448

Delta R.T. -0.00 min

Lab File: BG033527.D

Acq: 3 Apr 2018 15:58

Instrument :

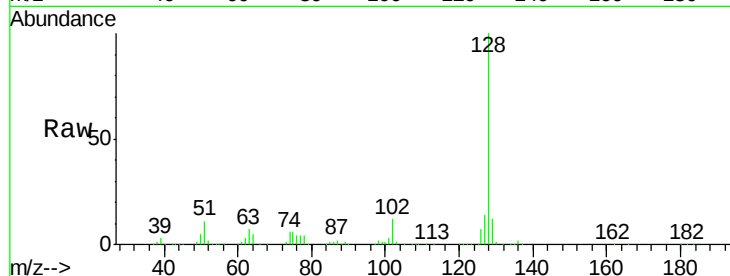
BNA_G

ClientSampleId :

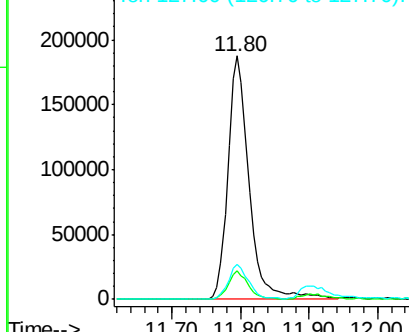
4529-33MSD

Tot Ion:	128	Resp:	402752
Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.6	12.8
127	14.2	11.6	17.4

Manual Integrations
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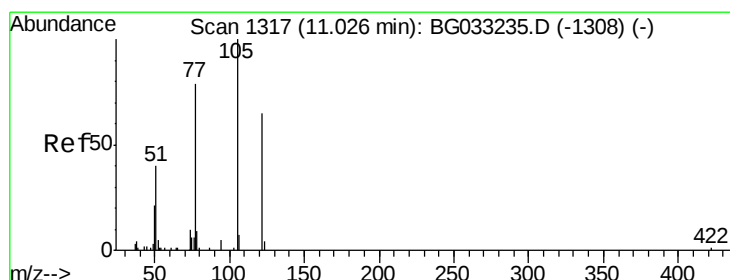
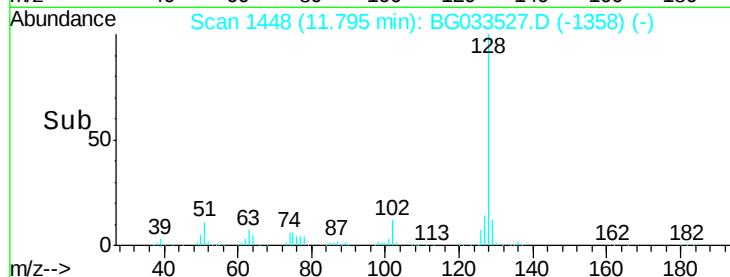


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Sohil

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#32

Benzoic acid

Concen: 23.240 ng

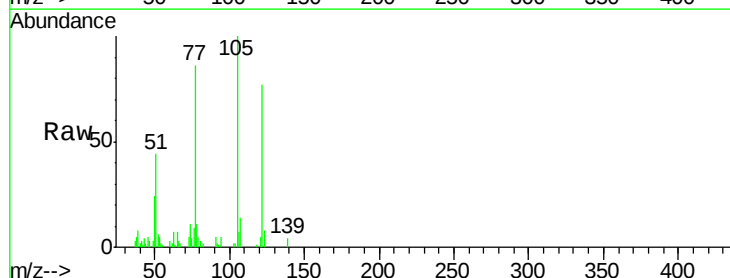
RT: 11.00 min Scan# 1312

Delta R.T. -0.00 min

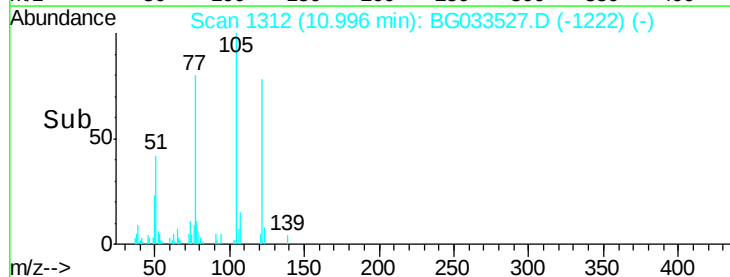
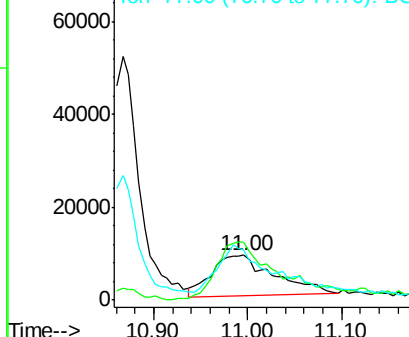
Lab File: BG033527.D

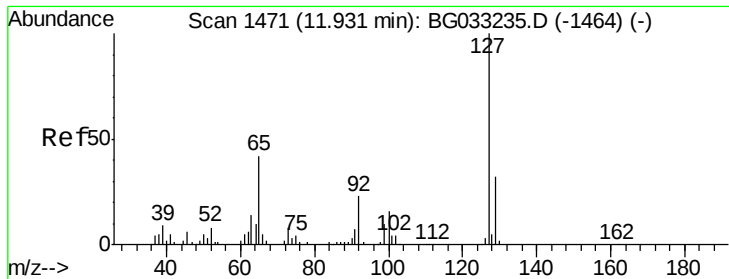
Acq: 3 Apr 2018 15:58

Tgt Ion:	122	Resp:	40035
Ion	Ratio	Lower	Upper
122	100		
105	130.5	123.5	163.5
77	112.3	85.7	125.7



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



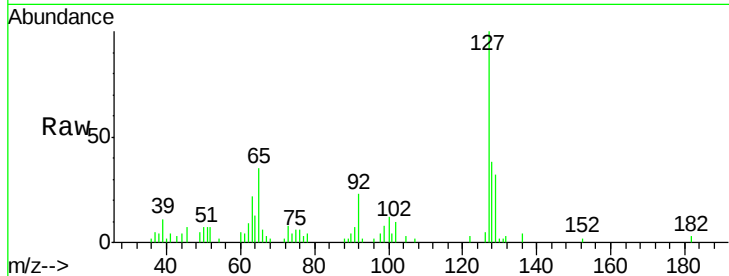


#33
4-Chloroaniline
Concen: 10.170 ng
RT: 11.89 min Scan# 1465
Delta R.T. -0.00 min
Lab File: BG033527.D
Acq: 3 Apr 2018 15:58

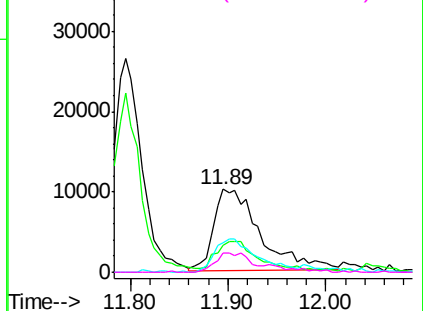
Instrument :
BNA_G
ClientSampleId :
4529-33MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.9	24.0	36.0		
65	34.9	27.0	40.4		
92	23.4	16.6	25.0		

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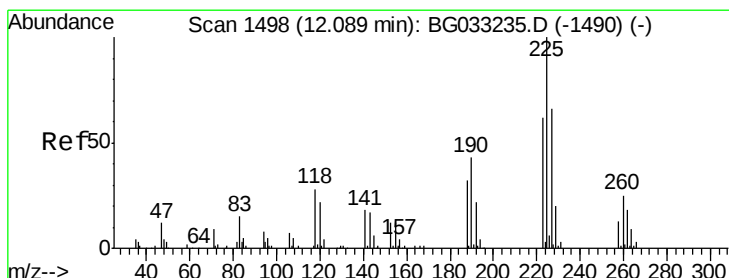
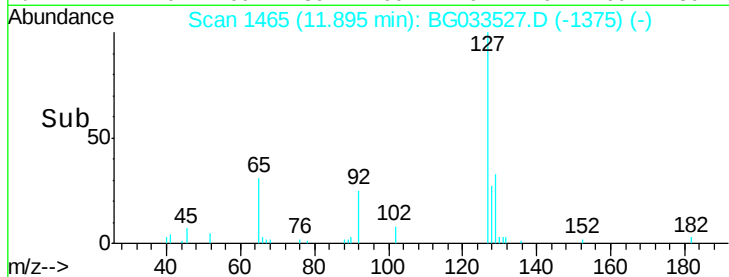


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG



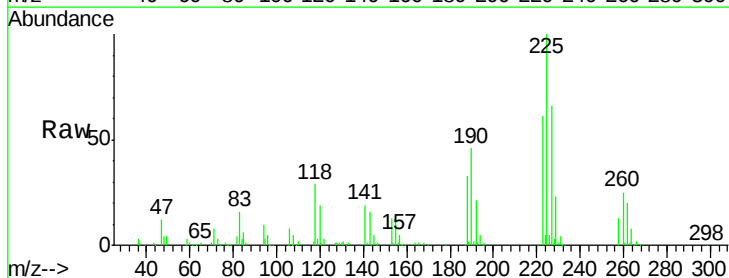
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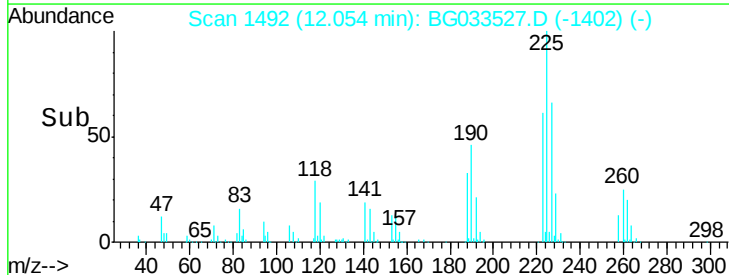
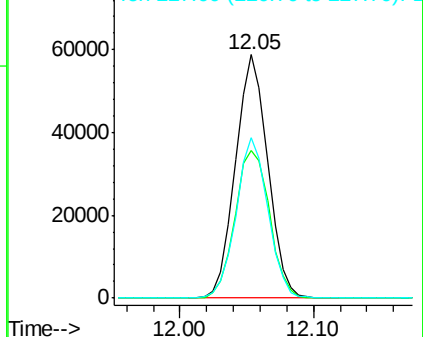


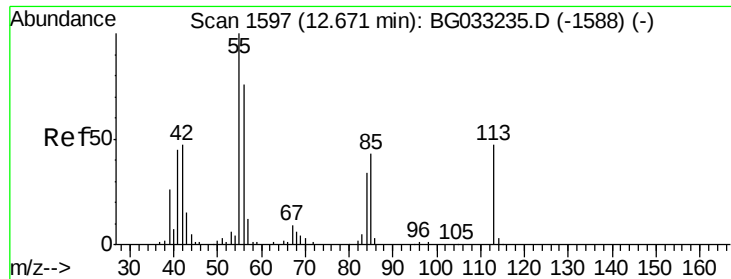
#34
Hexachlorobutadiene
Concen: 44.061 ng
RT: 12.05 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BG033527.D
Acq: 3 Apr 2018 15:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.7	49.7	74.5		
227	66.0	48.1	72.1		



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



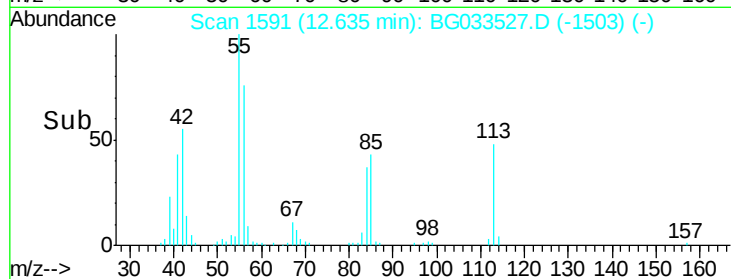
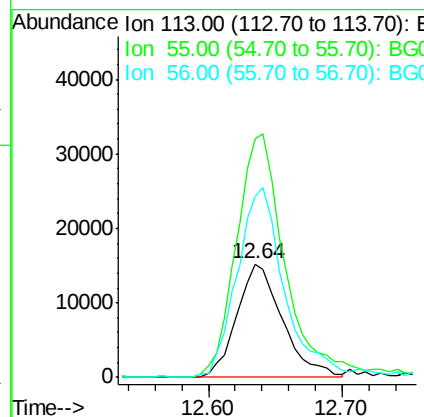
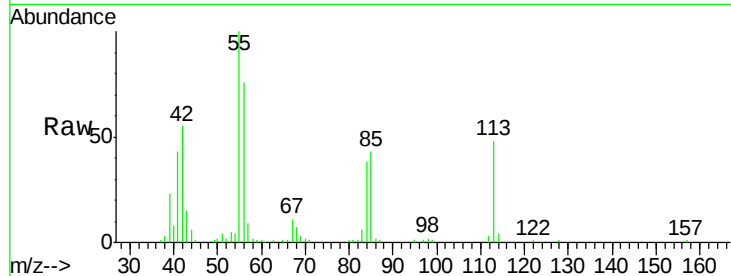


#35
 Caprolactam
 Concen: 40.348 ng
 RT: 12.64 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BG033527.D
 Acq: 3 Apr 2018 15:58

Instrument :
 BNA_G
 ClientSampled :
 4529-33MSD

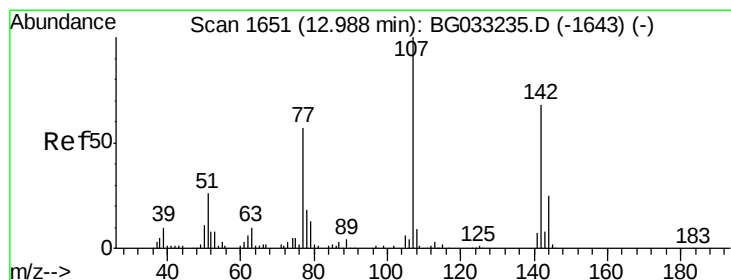
Tot Ion	Ratio	Lower	Upper
113	100		
55	210.4	186.9	226.9
56	159.7	130.9	170.9

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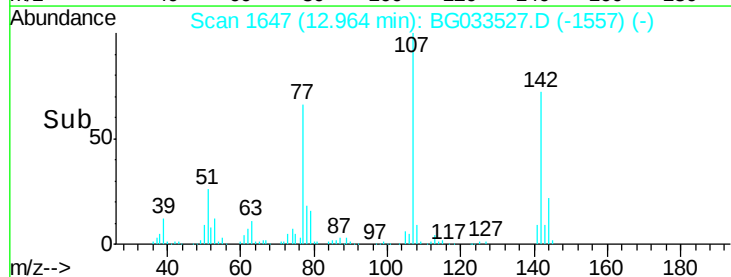
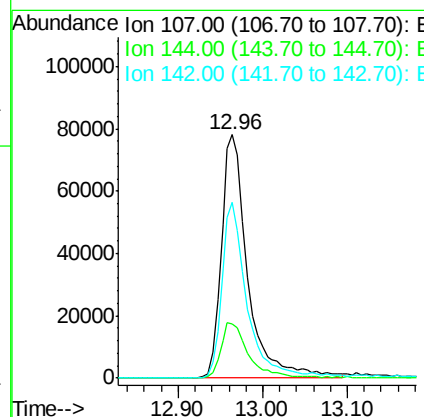
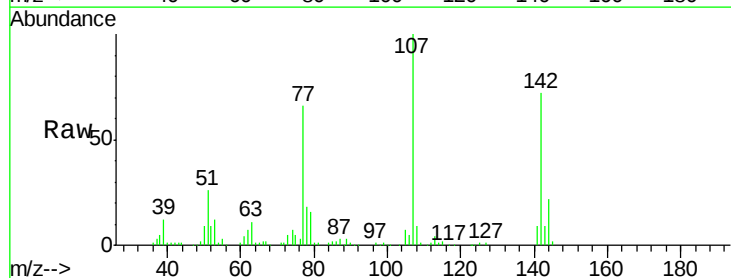
Sohil

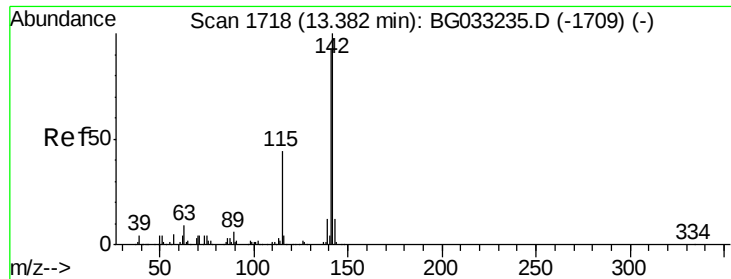
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#36
 4-Chloro-3-methylphenol
 Concen: 57.097 ng
 RT: 12.96 min Scan# 1647
 Delta R.T. -0.00 min
 Lab File: BG033527.D
 Acq: 3 Apr 2018 15:58

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.0	18.2	27.4
142	72.2	59.0	88.4



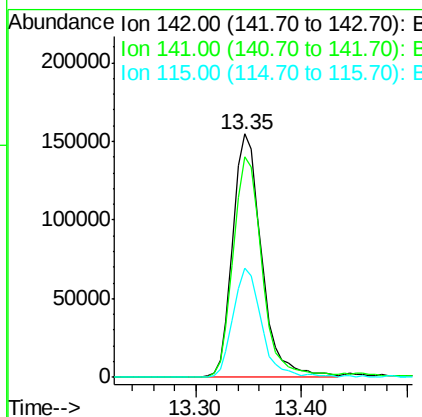
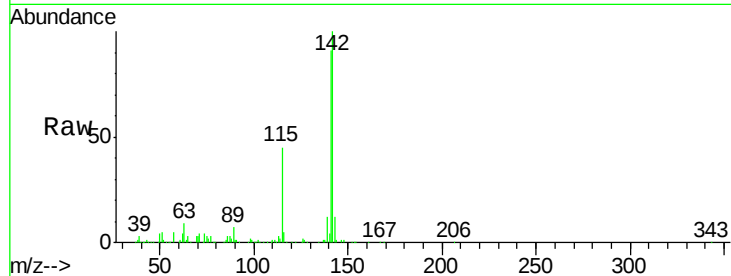


#37
2-Methylnaphthalene
Concen: 50.422 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.00 min
Lab File: BG033527.D
Acq: 3 Apr 2018 15:58

Instrument :
BNA_G
ClientSampleId :
4529-33MSD

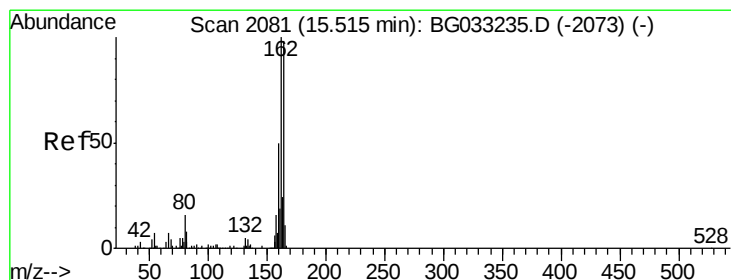
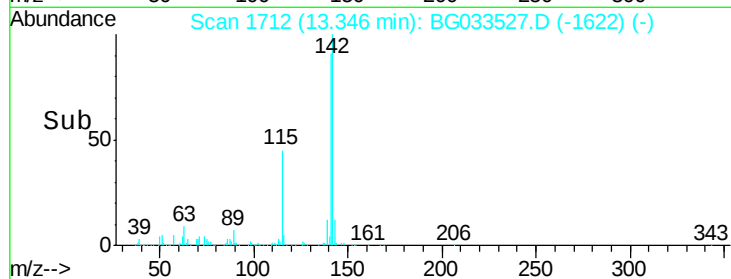
Tot Ion	Ratio	Resp	Lower	Upper
142	100	293317		
141	90.9	67.1	100.7	
115	44.7	30.7	46.1	

Manual Integrations
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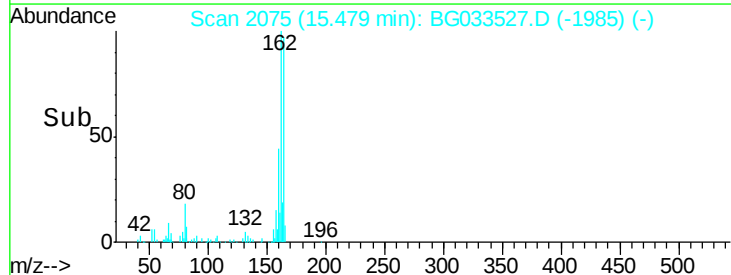
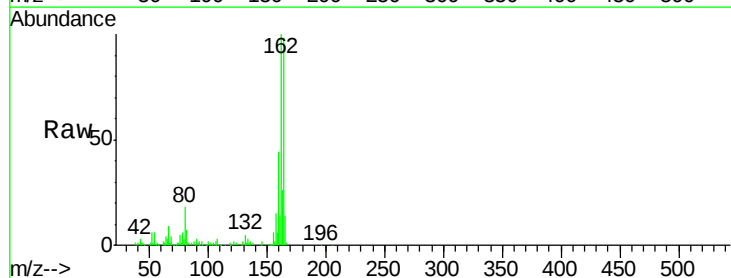
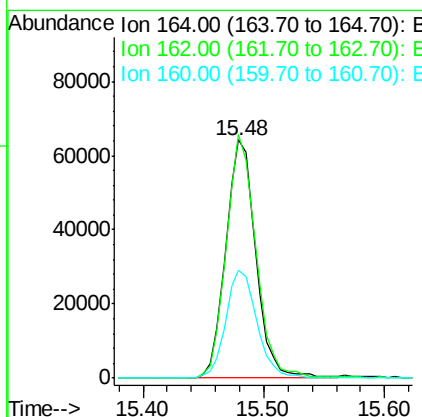
Sohil

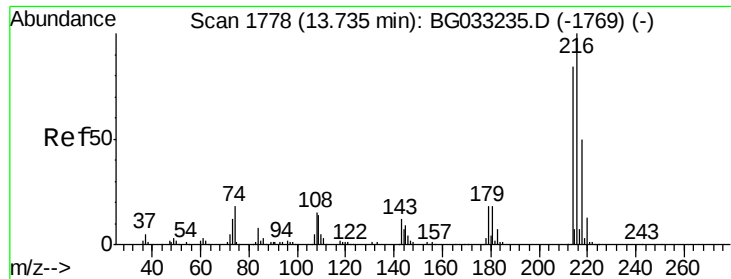
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.00 min
Lab File: BG033527.D
Acq: 3 Apr 2018 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	111041		
162	102.1	78.8	118.2	
160	45.3	35.4	53.0	



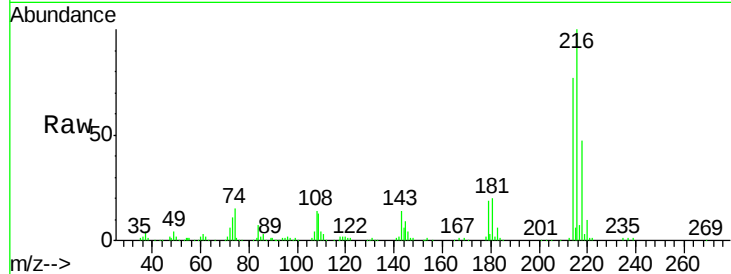


#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.503 ng
 RT: 13.70 min Scan# 1773
 Delta R.T. 0.01 min
 Lab File: BG033527.D
 Acq: 3 Apr 2018 15:58

Instrument :
 BNA_G
 ClientSampleId :
 4529-33MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		191067		
214	78.0		63.0	94.4	
179	20.1		17.0	25.6	
108	17.5		12.8	19.2	

Manual Integrations
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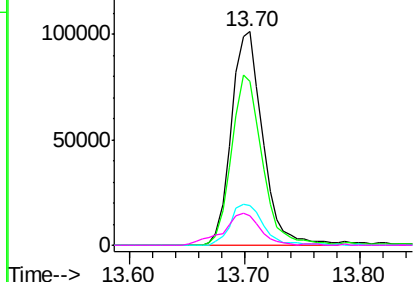
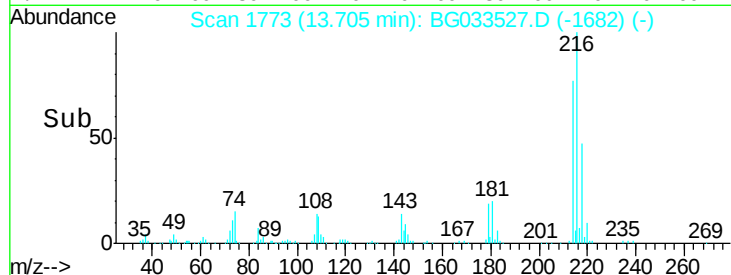
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

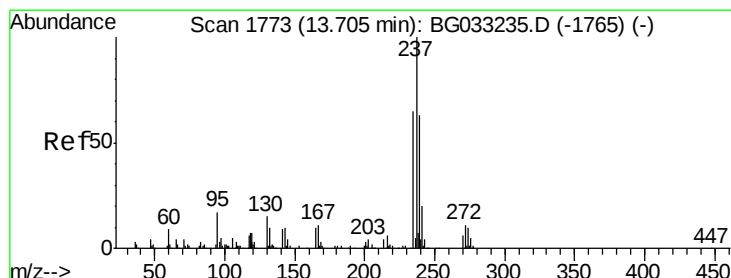
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



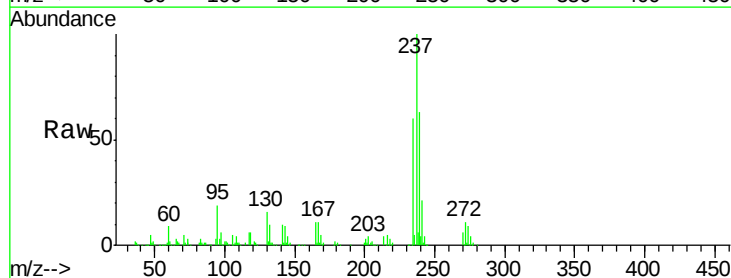
Sohil

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#40
 Hexachlorocyclopentadiene
 Concen: 83.215 ng
 RT: 13.68 min Scan# 1768
 Delta R.T. 0.01 min
 Lab File: BG033527.D
 Acq: 3 Apr 2018 15:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		196213		
235	60.2		50.4	90.4	
272	10.7		0.0	31.8	

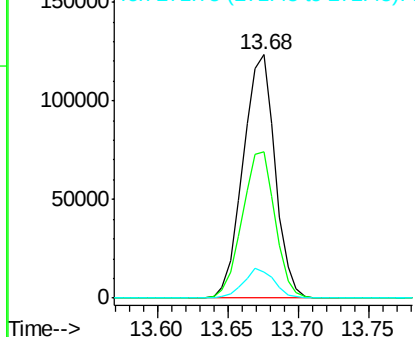
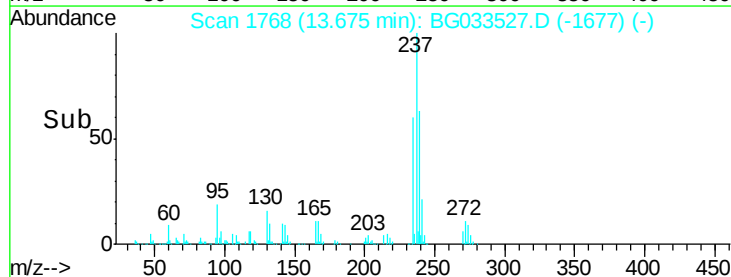


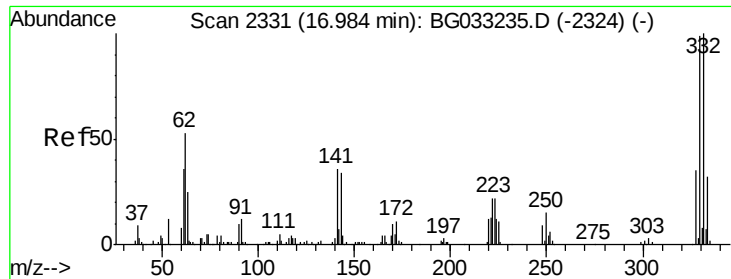
Abundance

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



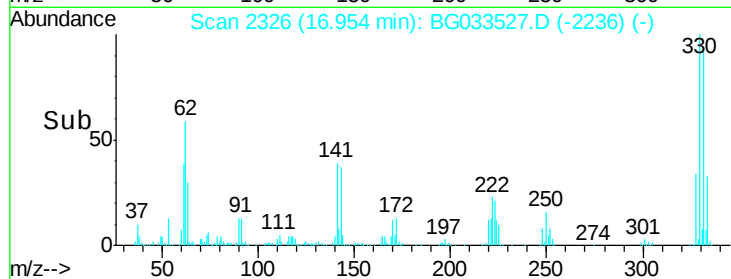
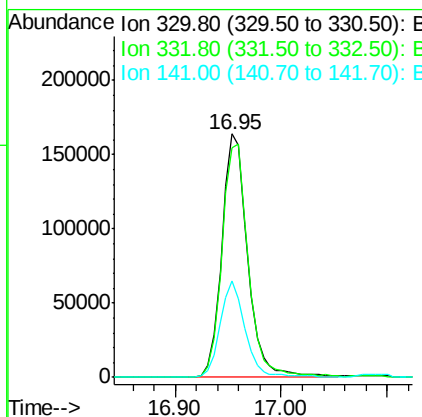
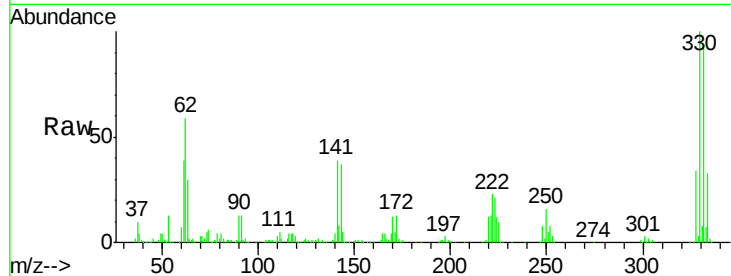


#41
 2,4,6-Tribromophenol
 Concen: 167.746 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033527.D
 Acq: 3 Apr 2018 15:58

Instrument :
 BNA_G
 ClientSampled :
 4529-33MSD

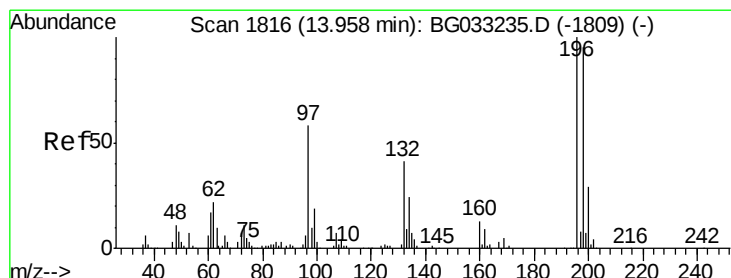
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.2	77.0	115.6	
141	38.6	25.2	37.8	

Manual Integrations
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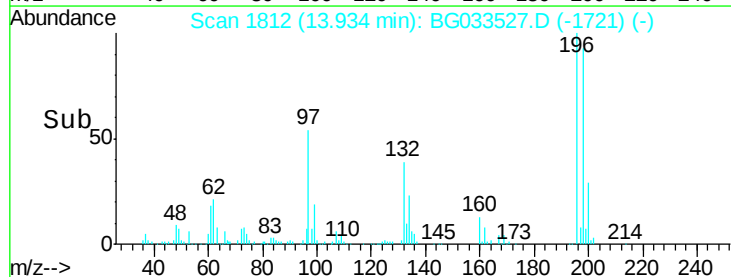
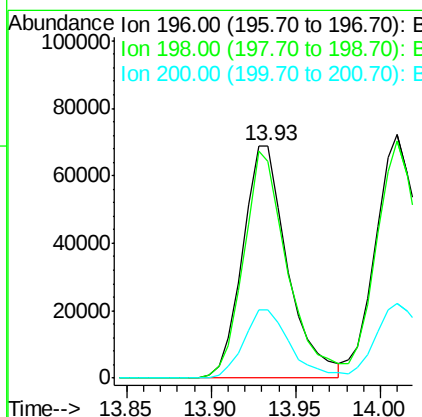
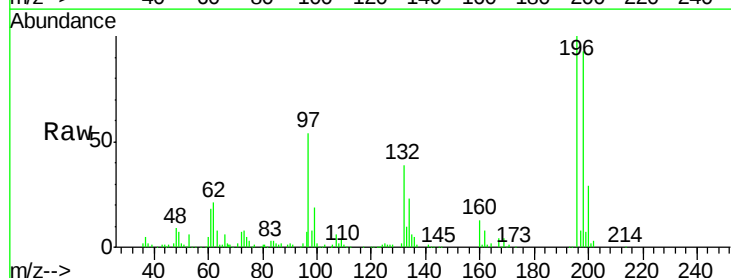
Sohil

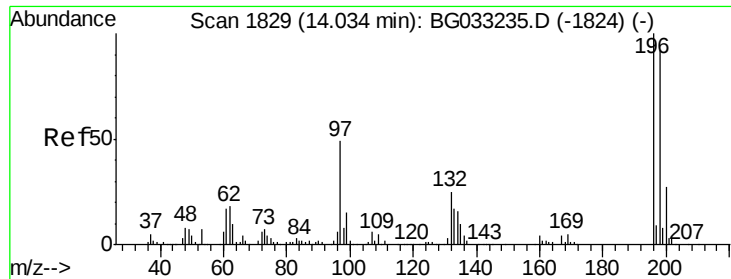
4/4/2018 4:10:49 PM



#42
 2,4,6-Trichlorophenol
 Concen: 54.619 ng
 RT: 13.93 min Scan# 1812
 Delta R.T. 0.01 min
 Lab File: BG033527.D
 Acq: 3 Apr 2018 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	93.1	78.2	117.2	
200	29.3	24.6	36.8	



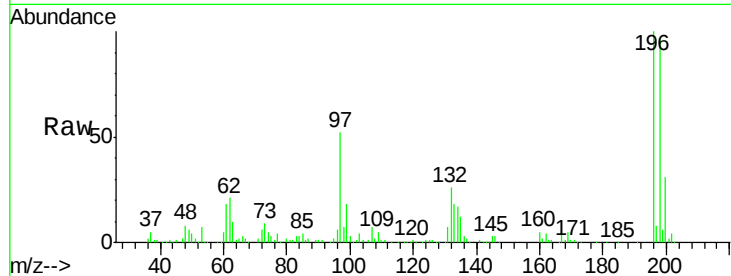


#43
2,4,5-Trichlorophenol
Concen: 53.524 ng
RT: 14.01 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BG033527.D
Acq: 3 Apr 2018 15:58

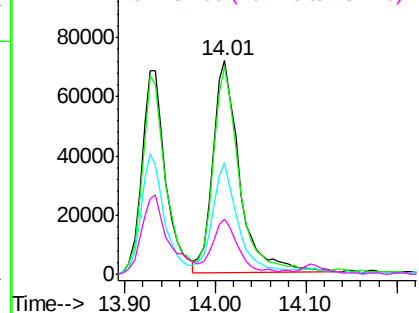
Instrument :
BNA_G
ClientSampleId :
4529-33MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		147846		
198	97.3		76.2	114.4	
97	51.9		38.7	58.1	
132	25.7		20.2	30.2	

Manual Integrations
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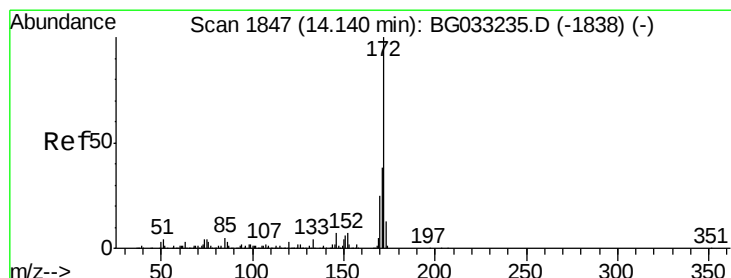
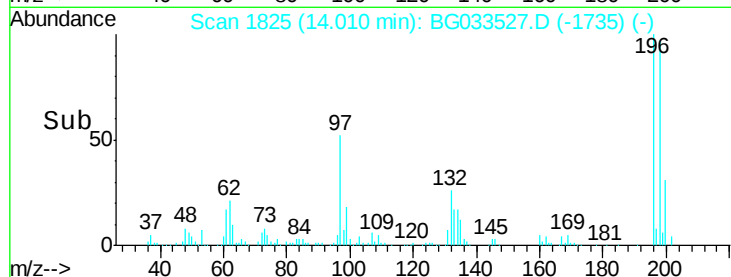


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E



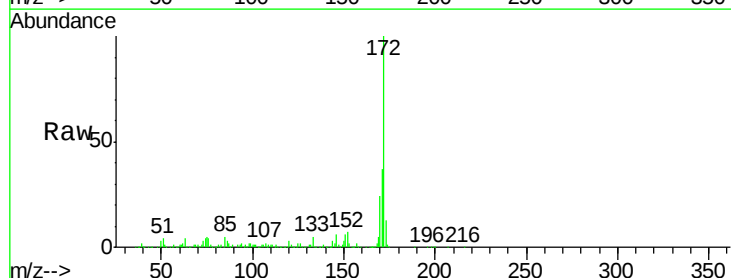
Sohil

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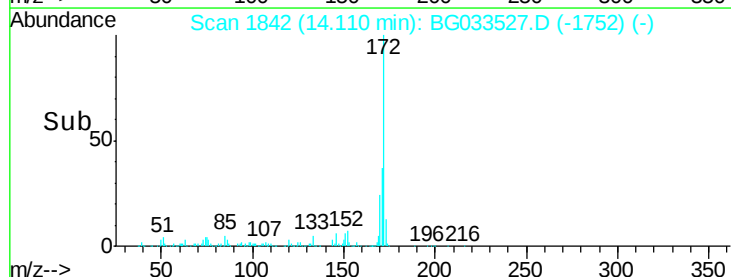
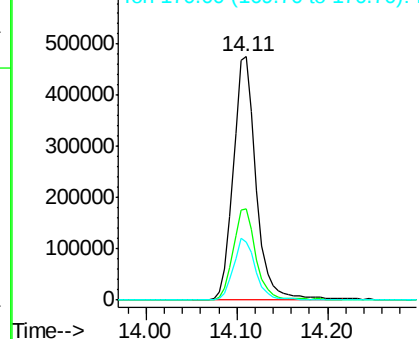


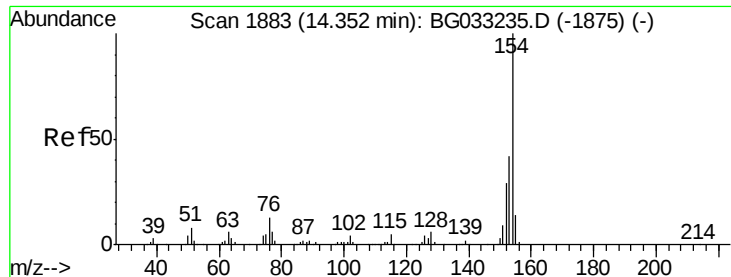
#44
2-Fluorobiphenyl
Concen: 108.747 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BG033527.D
Acq: 3 Apr 2018 15:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		836454		
171	37.5		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



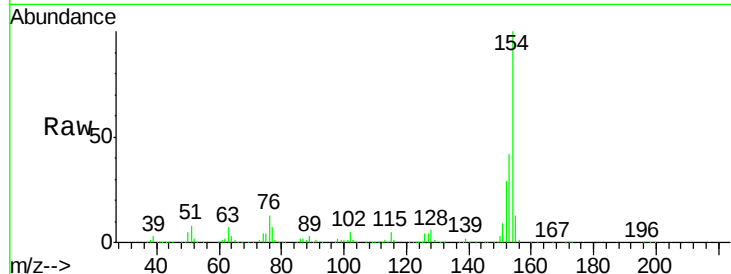


#45
 1,1'-Biphenyl
 Concen: 49.739 ng
 RT: 14.32 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: BG033527.D
 Acq: 3 Apr 2018 15:58

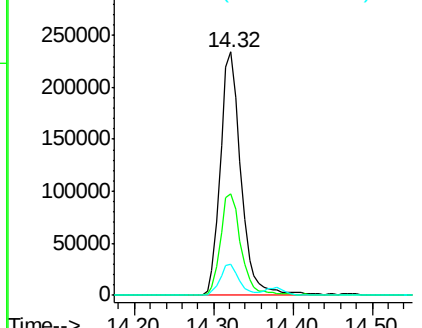
Instrument :
 BNA_G
 ClientSampleId :
 4529-33MSD

Tot Ion:	154	Resp:	424323
Ion Ratio	Lower	Upper	
154	100		
153	41.9	19.8	59.8
76	12.6	0.0	31.9

Manual Integrations
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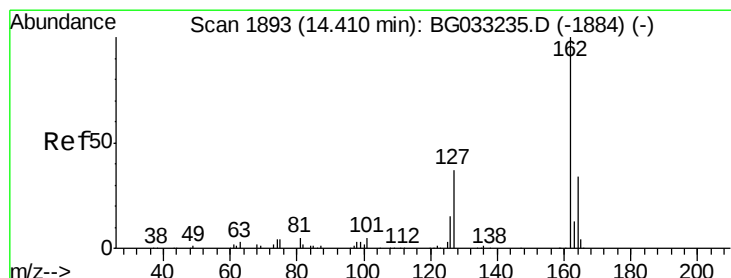
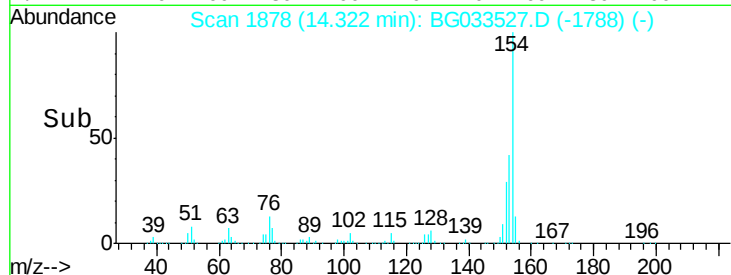


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B



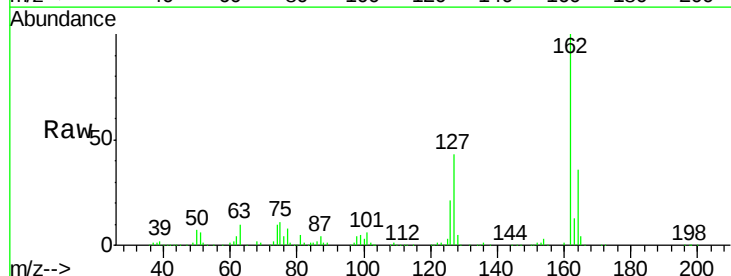
Sohil

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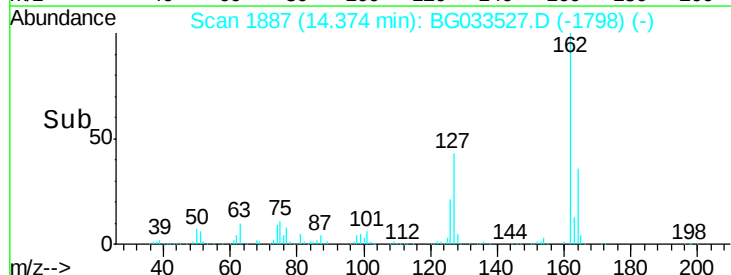
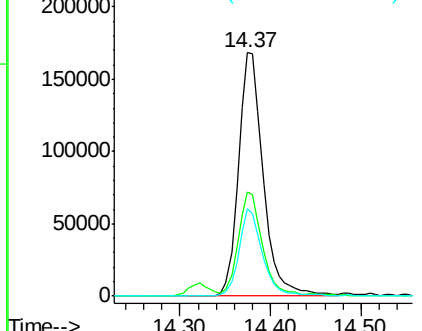


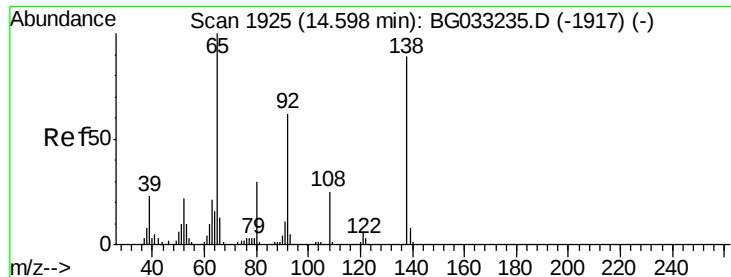
#46
 2-Chloronaphthalene
 Concen: 48.851 ng
 RT: 14.37 min Scan# 1887
 Delta R.T. -0.01 min
 Lab File: BG033527.D
 Acq: 3 Apr 2018 15:58

Tgt Ion:	162	Resp:	321336
Ion Ratio	Lower	Upper	
162	100		
127	42.8	30.7	46.1
164	36.0	26.0	39.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



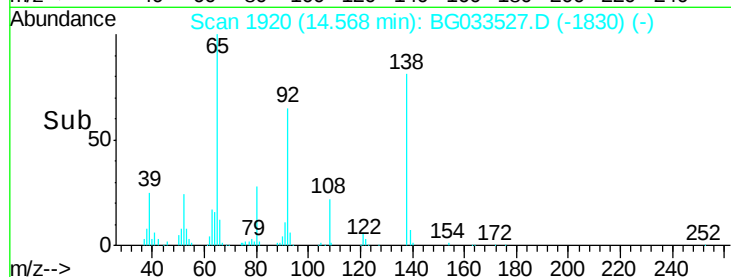
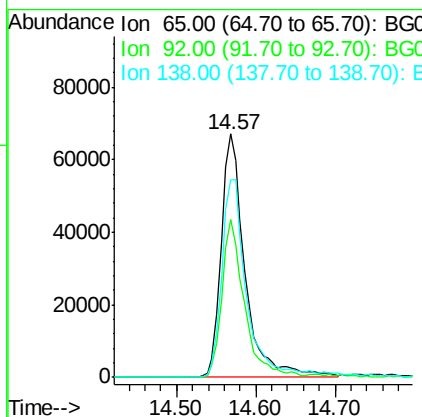
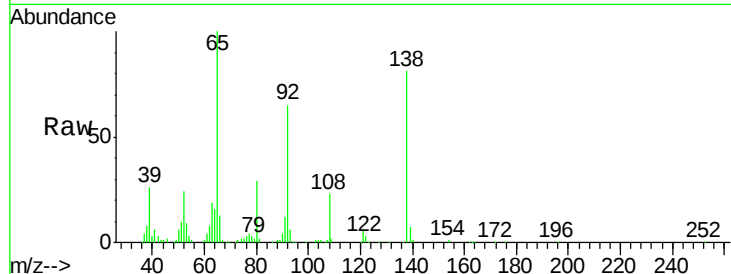


#47
2-Nitroaniline
Concen: 56.747 ng
RT: 14.57 min Scan# 1920
Delta R.T. -0.00 min
Lab File: BG033527.D
Acq: 3 Apr 2018 15:58

Instrument :
BNA_G
ClientSampleId :
4529-33MSD

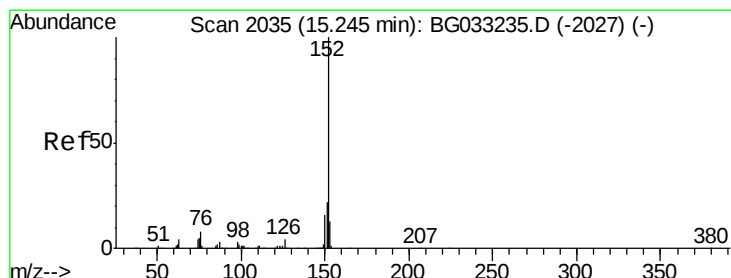
Tot Ion	Ratio	Lower	Upper
65	100		
92	64.6	54.6	82.0
138	81.2	72.9	109.3

Manual Integrations
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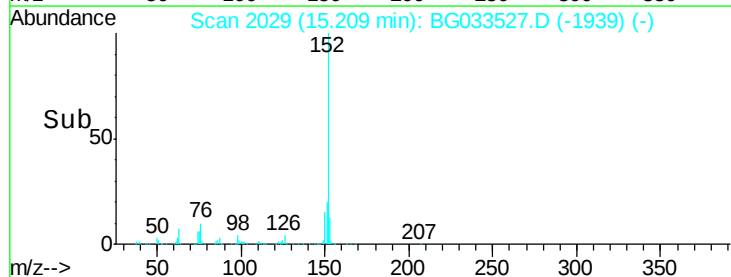
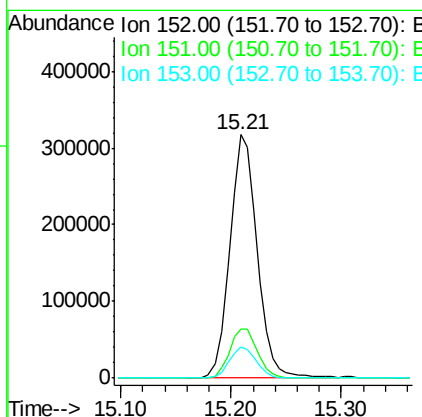
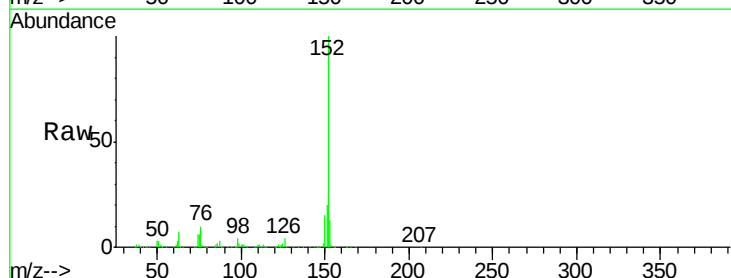
Sohil

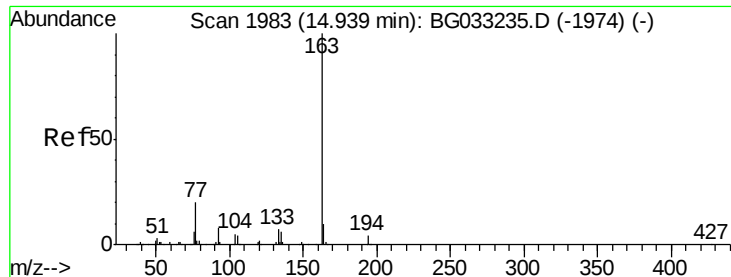
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#48
Acenaphthylene
Concen: 49.890 ng
RT: 15.21 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BG033527.D
Acq: 3 Apr 2018 15:58

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	17.2	25.8
153	12.9	10.2	15.4



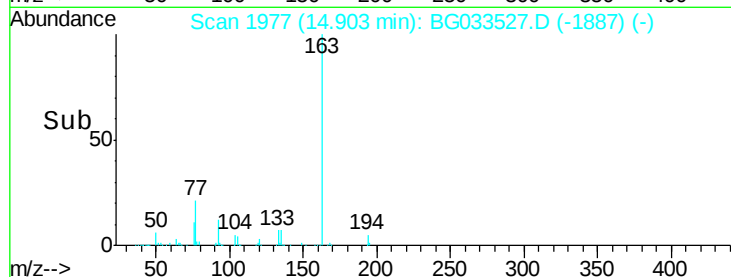
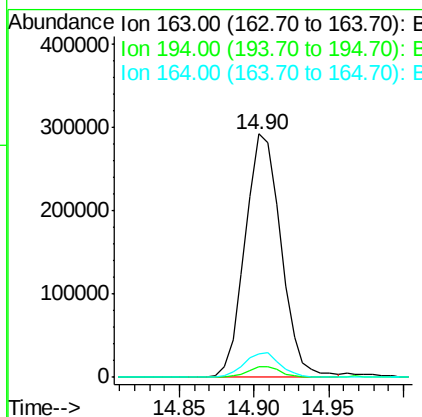
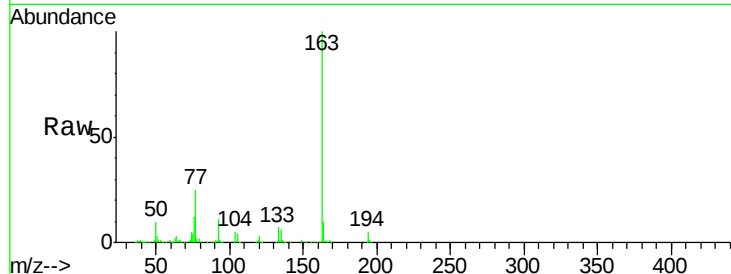


#49
Dimethylphthalate
Concen: 50.416 ng
RT: 14.90 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BG033527.D
Acq: 3 Apr 2018 15:58

Instrument :
BNA_G
ClientSampleId :
4529-33MSD

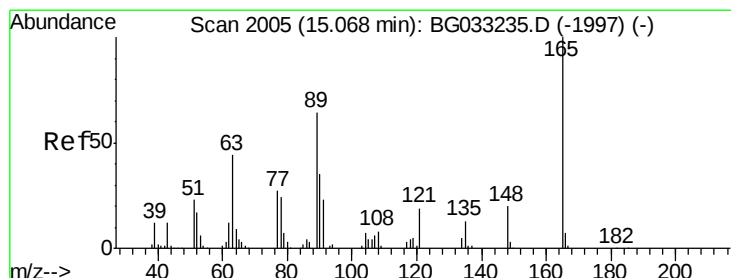
Tot Ion	163	Resp	487198
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.4	5.2
164	9.6	8.2	12.4

Manual Integrations
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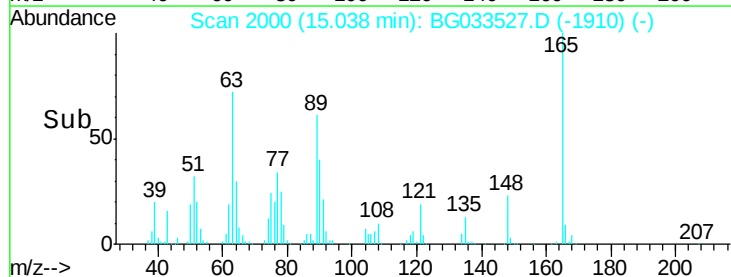
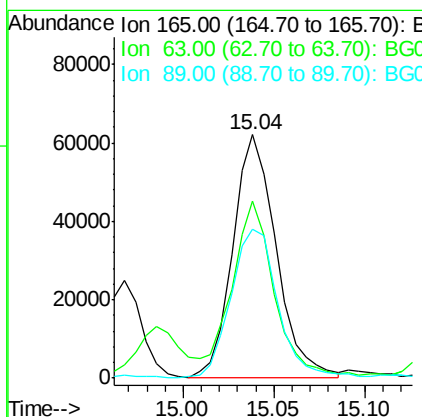
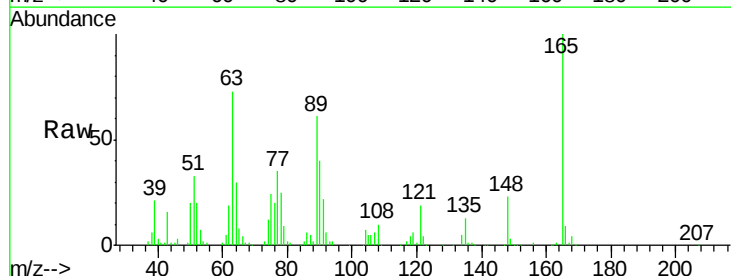
Sohil

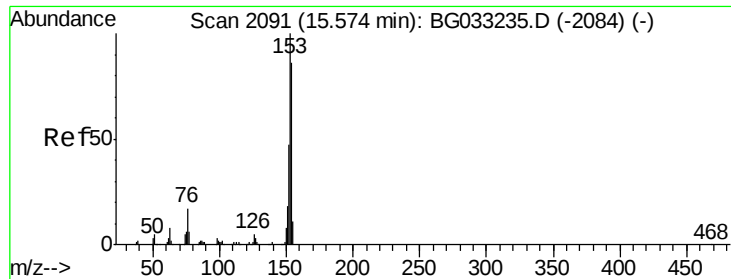
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#50
2,6-Dinitrotoluene
Concen: 52.122 ng
RT: 15.04 min Scan# 2000
Delta R.T. -0.00 min
Lab File: BG033527.D
Acq: 3 Apr 2018 15:58

Tgt Ion	165	Resp	102990
Ion Ratio	Lower	Upper	
165	100		
63	72.7	52.7	79.1
89	61.2	49.2	73.8



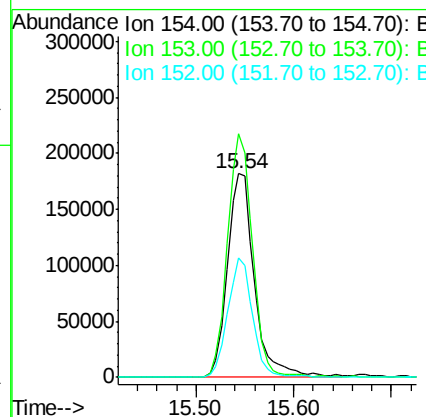
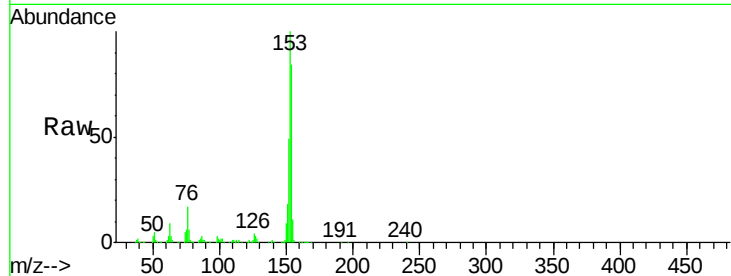


#51
Acenaphthene
Concen: 49.180 ng
RT: 15.54 min Scan# 2086
Delta R.T. -0.00 min
Lab File: BG033527.D
Acq: 3 Apr 2018 15:58

Instrument :
BNA_G
ClientSampleId :
4529-33MSD

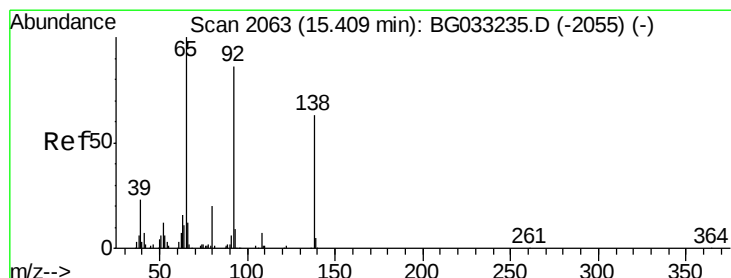
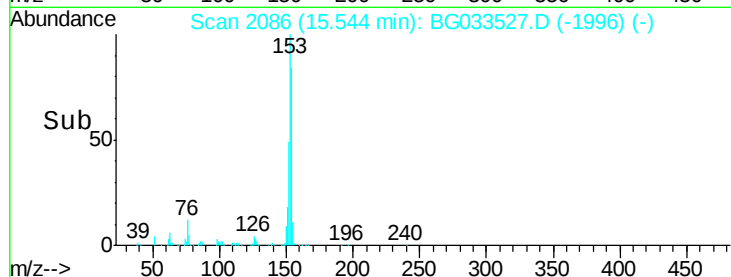
Tot Ion:	154	Resp:	348091
Ion Ratio	Lower	Upper	
154	100		
153	119.5	90.4	135.6
152	58.5	41.6	62.4

Manual Integrations
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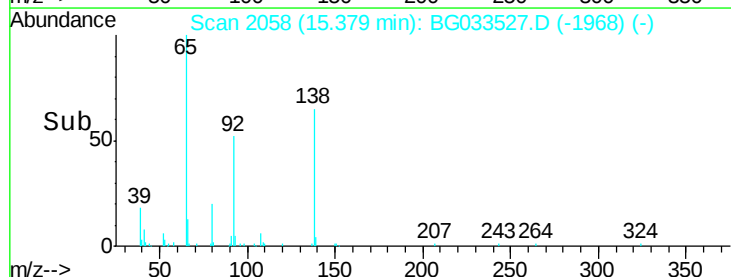
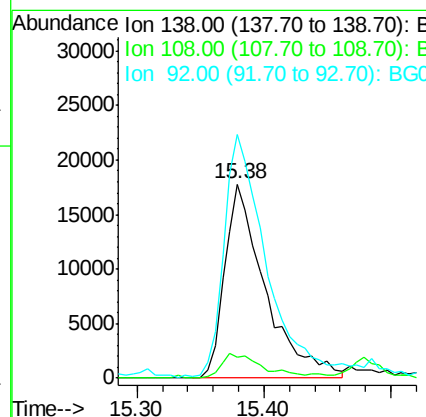
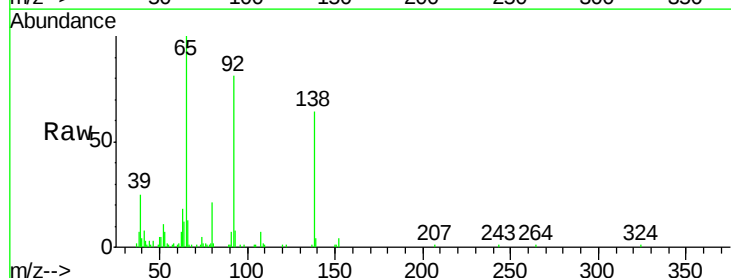
Sohil

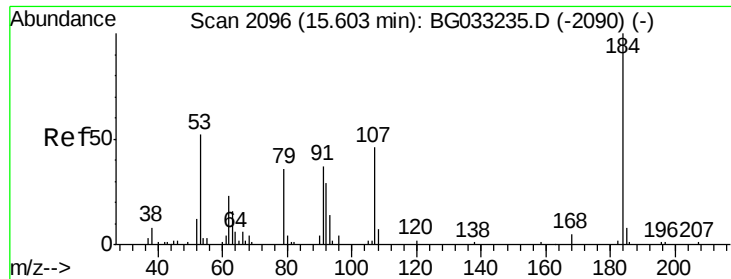
4/4/2018 4:10:49 PM



#52
3-Nitroaniline
Concen: 19.059 ng
RT: 15.38 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BG033527.D
Acq: 3 Apr 2018 15:58

Tgt Ion:	138	Resp:	39482
Ion Ratio	Lower	Upper	
138	100		
108	10.7	17.5	26.3#
92	125.3	105.8	158.8



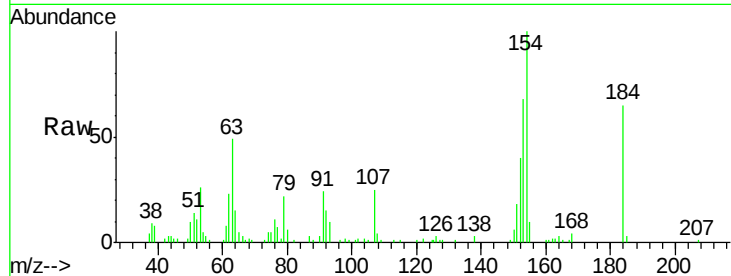


#53
 2,4-Dinitrophenol
 Concen: 32.308 ng
 RT: 15.57 min Scan# 2091
 Delta R.T. -0.01 min
 Lab File: BG033527.D
 Acq: 3 Apr 2018 15:58

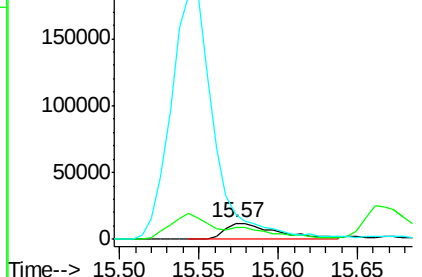
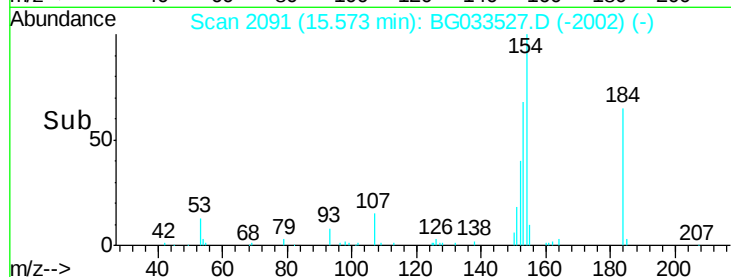
Instrument :
 BNA_G
 ClientSampleID :
 4529-33MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	74.9	59.8	89.8
154	154.1	101.8	152.8

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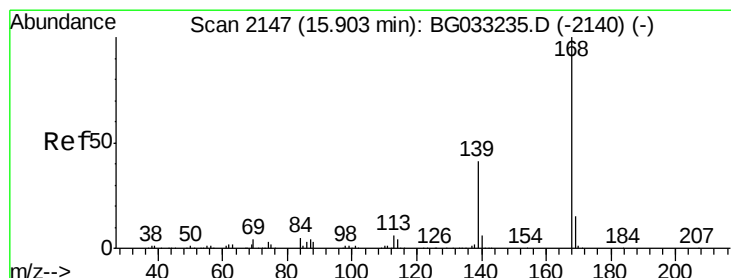


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E



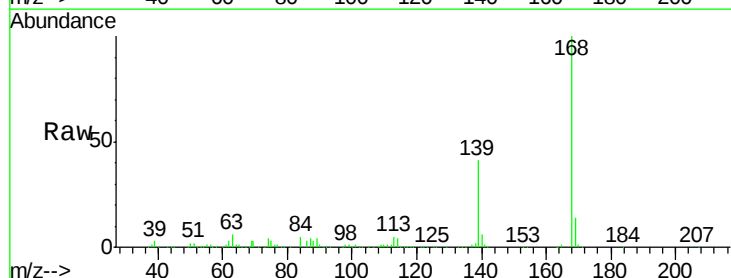
Sohil

4/4/2018 4:10:49 PM

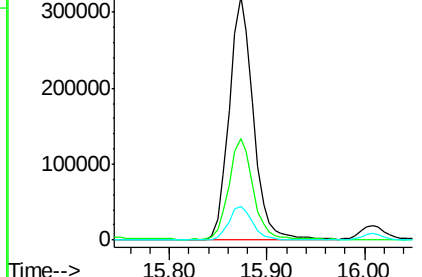
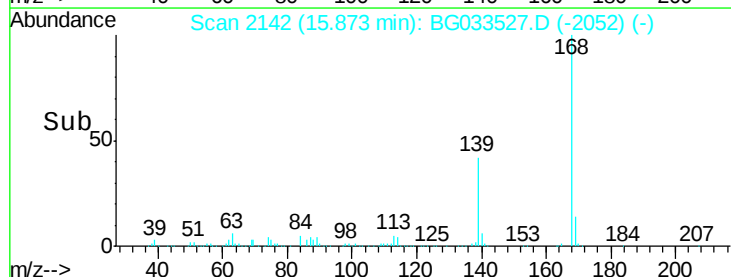


#54
 Dibenzofuran
 Concen: 52.718 ng
 RT: 15.87 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: BG033527.D
 Acq: 3 Apr 2018 15:58

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.5	28.6	43.0
169	14.0	11.2	16.8



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E



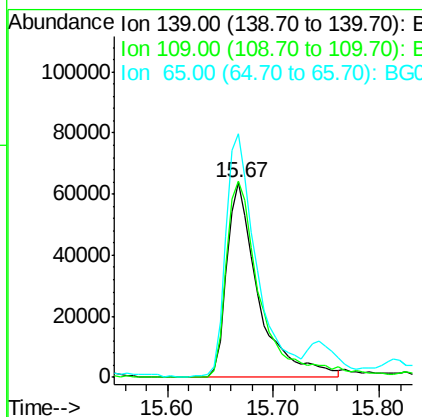
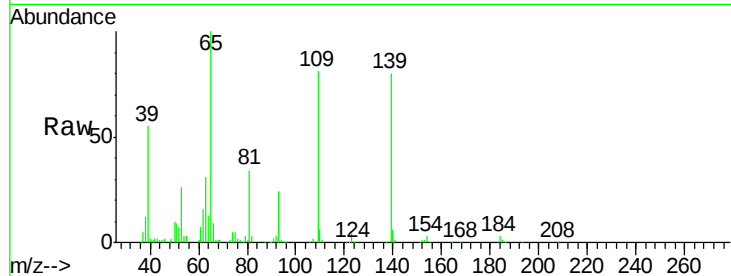


#55
4-Nitrophenol
Concen: 90.699 ng
RT: 15.67 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BG033527.D
Acq: 3 Apr 2018 15:58

Instrument :
BNA_G
ClientSampleId :
4529-33MSD

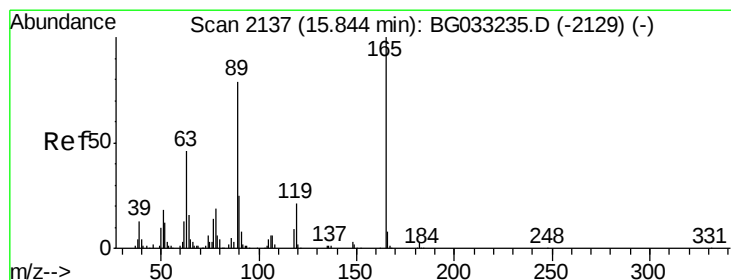
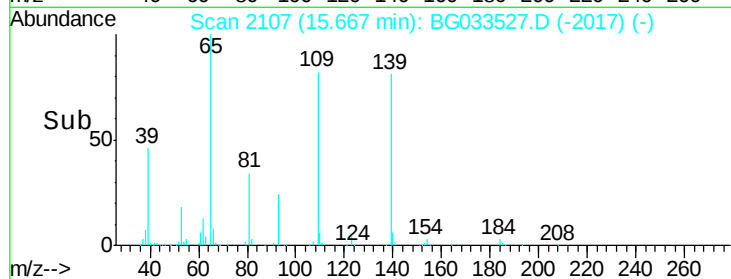
Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	100.7	62.2	102.2	
65	125.0	97.2	137.2	

Manual Integrations
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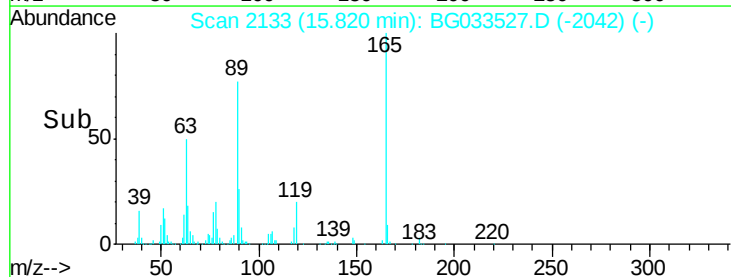
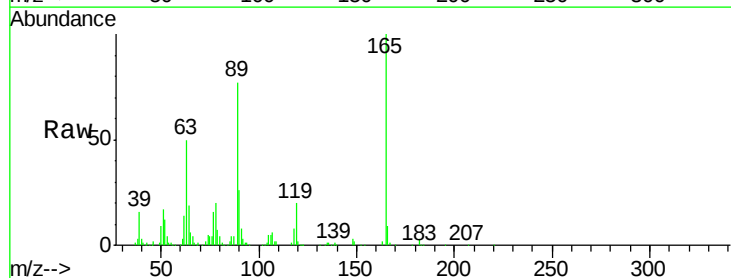
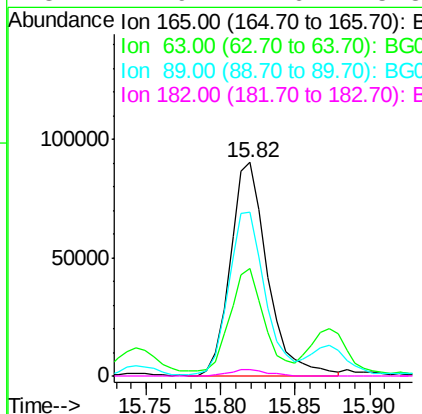
Sohil

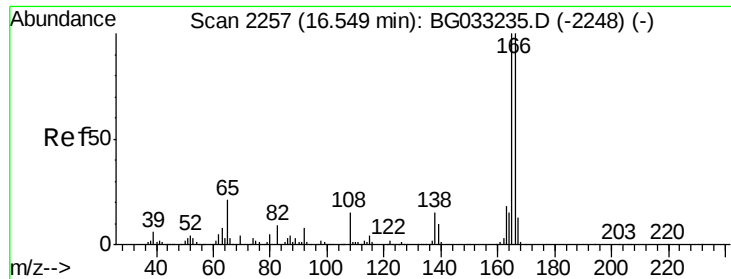
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#56
2,4-Dinitrotoluene
Concen: 53.598 ng
RT: 15.82 min Scan# 2133
Delta R.T. 0.01 min
Lab File: BG033527.D
Acq: 3 Apr 2018 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	50.4	42.0	63.0	
89	76.7	66.9	100.3	
182	2.9	2.6	3.8	





#57

Fluorene

Concen: 51.015 ng

RT: 16.51 min Scan# 2251

Delta R.T. -0.00 min

Lab File: BG033527.D

Acq: 3 Apr 2018 15:58

Instrument :

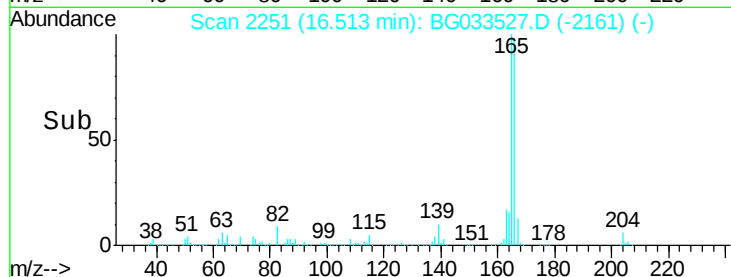
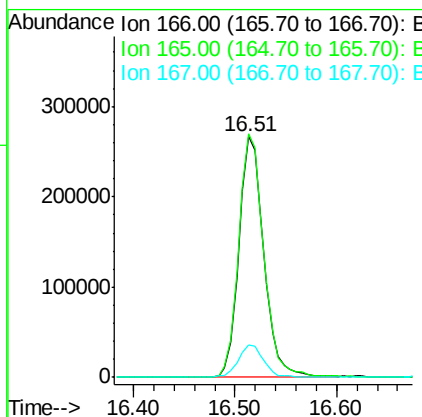
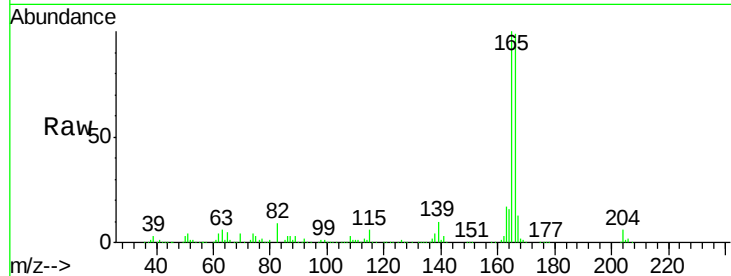
BNA_G

ClientSampled :

4529-33MSD

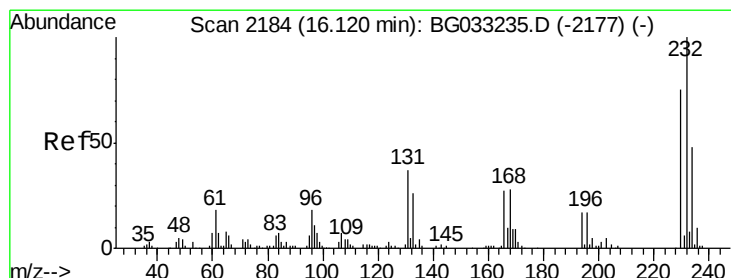
Tot Ion:	166	Resp:	454389
Ion Ratio	Lower	Upper	
166	100		
165	101.2	80.6	121.0
167	13.6	10.4	15.6

Manual Integrations
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Sohil

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#58

2,3,4,6-Tetrachlorophenol

Concen: 59.064 ng

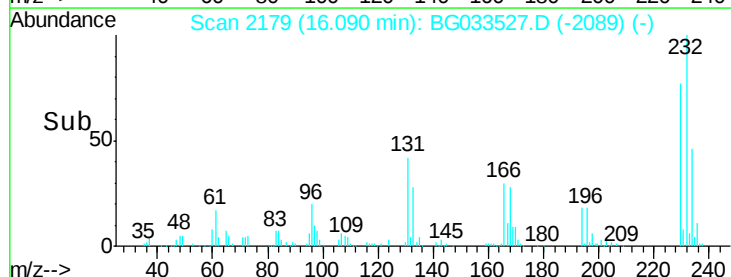
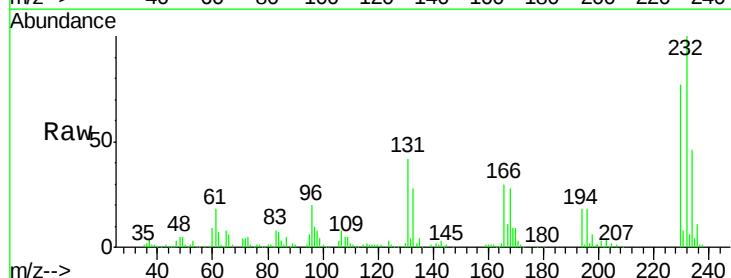
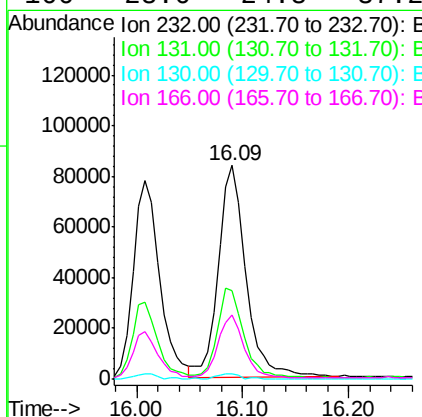
RT: 16.09 min Scan# 2179

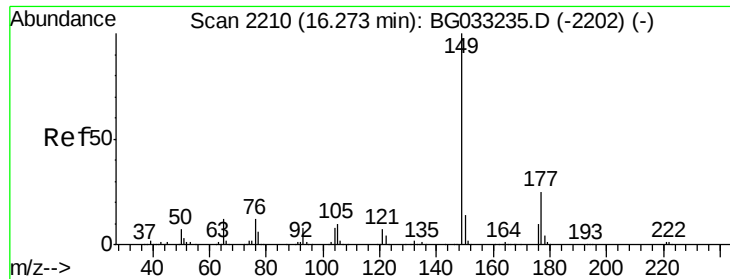
Delta R.T. -0.00 min

Lab File: BG033527.D

Acq: 3 Apr 2018 15:58

Tgt Ion:	232	Resp:	153589
Ion Ratio	Lower	Upper	
232	100		
131	43.2	33.5	50.3
130	1.9	2.2	3.2#
166	28.6	24.8	37.2



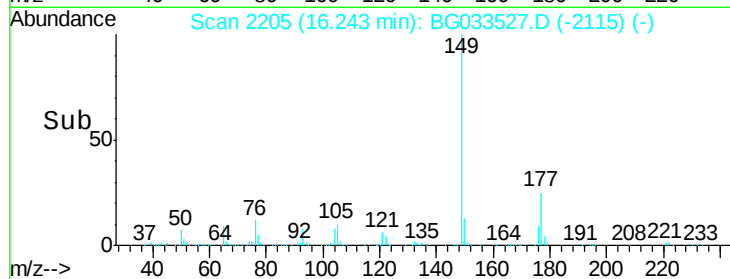
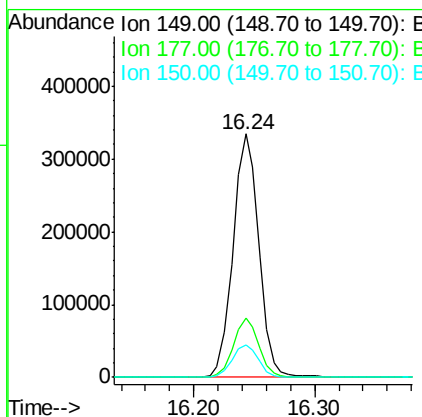
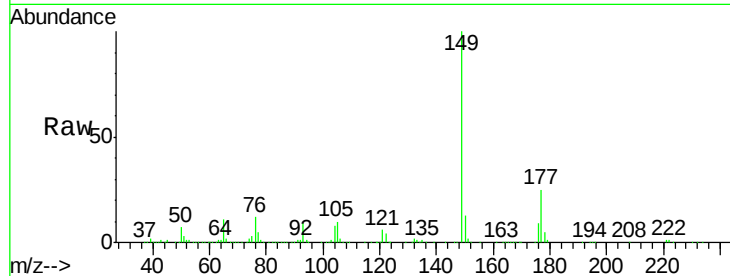


#59
Diethylphthalate
Concen: 53.057 ng
RT: 16.24 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BG033527.D
Acq: 3 Apr 2018 15:58

Instrument :
BNA_G
ClientSampleId :
4529-33MSD

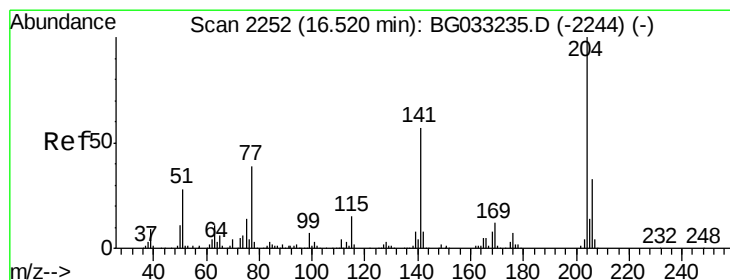
Tot Ion	Ratio	Lower	Upper
149	100		
177	24.5	18.5	27.7
150	13.3	10.2	15.2

Manual Integrations
APPROVED



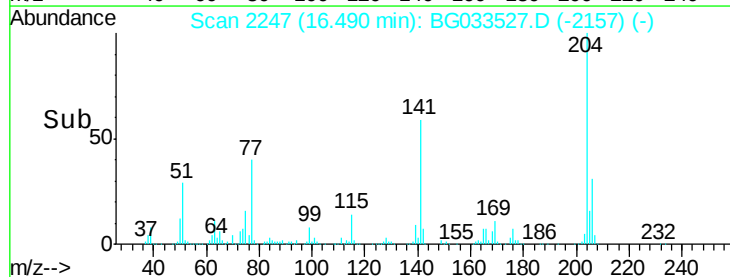
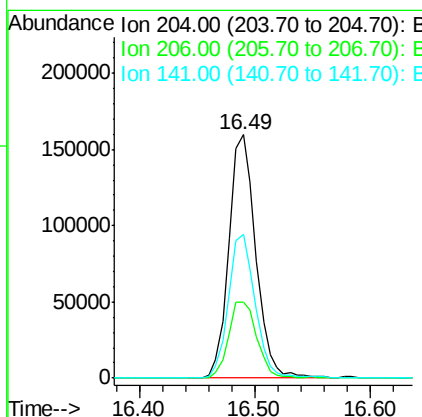
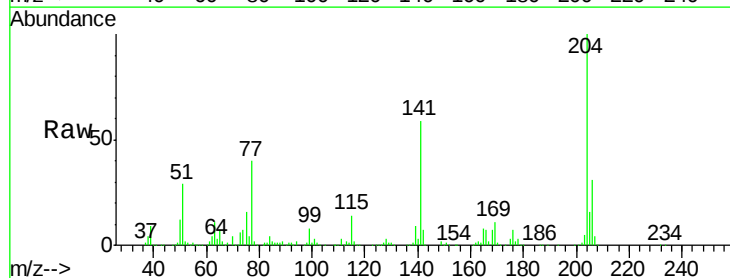
Sohil

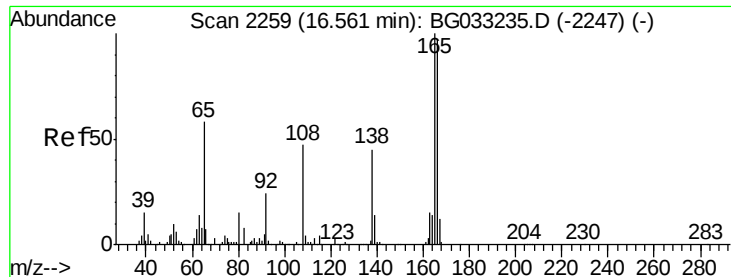
4/4/2018 4:10:49 PM



#60
4-Chlorophenyl-phenylether
Concen: 50.470 ng
RT: 16.49 min Scan# 2247
Delta R.T. -0.00 min
Lab File: BG033527.D
Acq: 3 Apr 2018 15:58

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.2	26.2	39.2
141	59.2	45.8	68.6



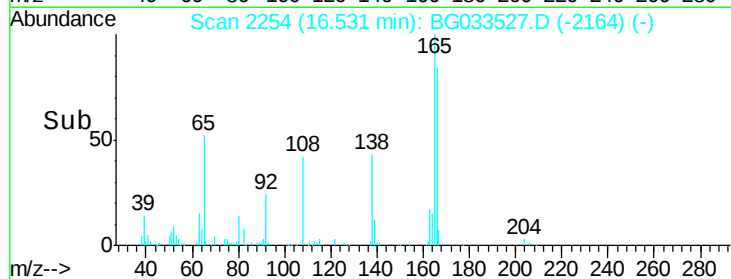
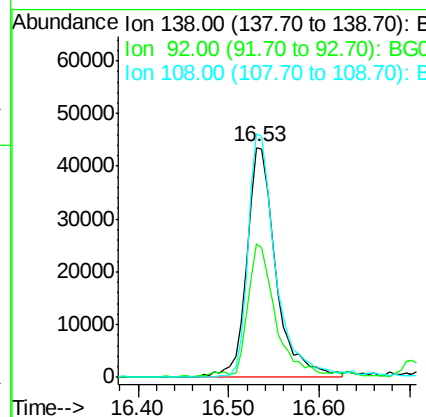
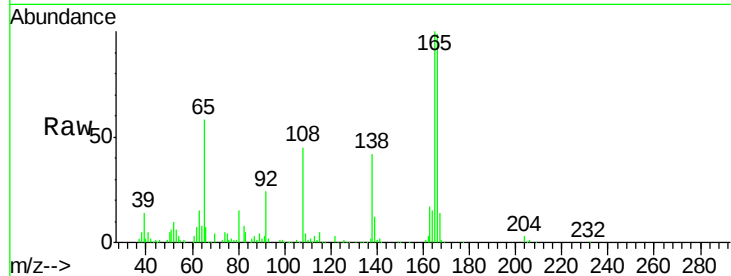


#61
4-Nitroaniline
Concen: 46.094 ng
RT: 16.53 min Scan# 2254
Delta R.T. -0.00 min
Lab File: BG033527.D
Acq: 3 Apr 2018 15:58

Instrument :
BNA_G
ClientSampled :
4529-33MSD

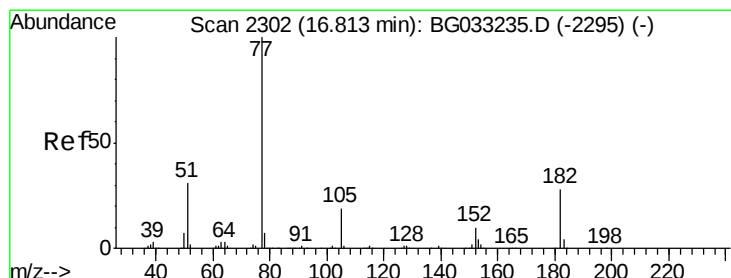
Tot Ion	Ratio	Lower	Upper
138	100		
92	58.3	40.1	80.1
108	106.0	65.4	105.4

Manual Integrations
APPROVED



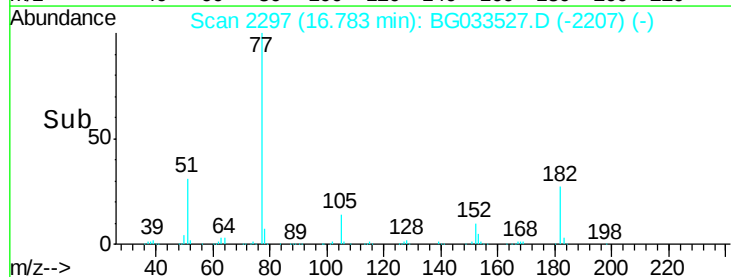
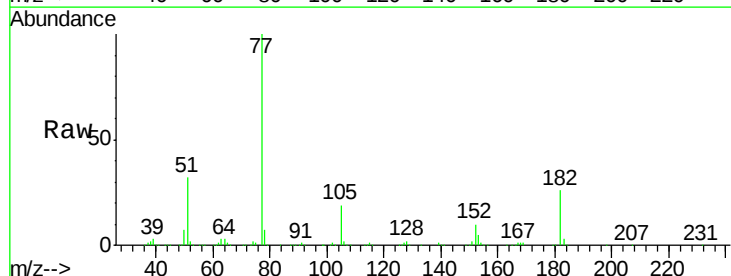
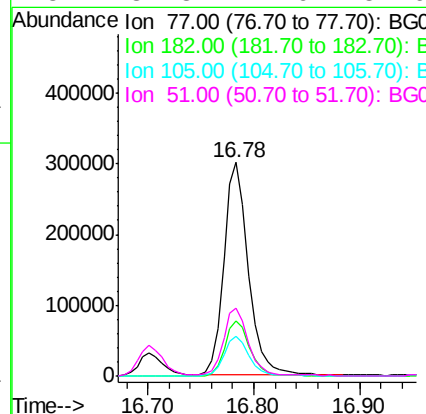
Sohil

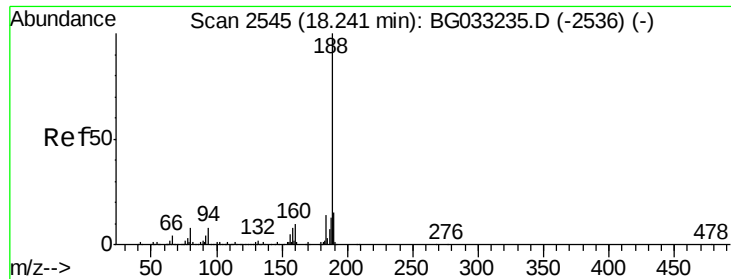
4/4/2018 4:10:49 PM



#62
Azobenzene
Concen: 53.339 ng
RT: 16.78 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG033527.D
Acq: 3 Apr 2018 15:58

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.0	7.4	47.4
105	18.6	0.3	40.3
51	31.8	11.6	51.6



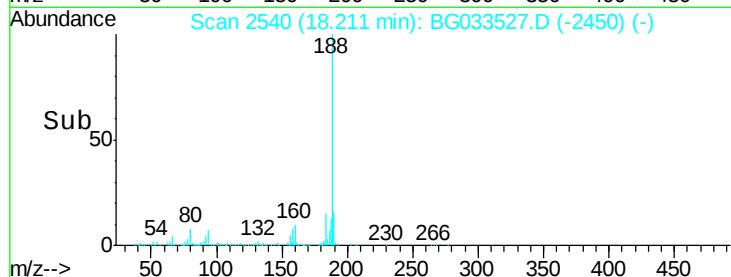
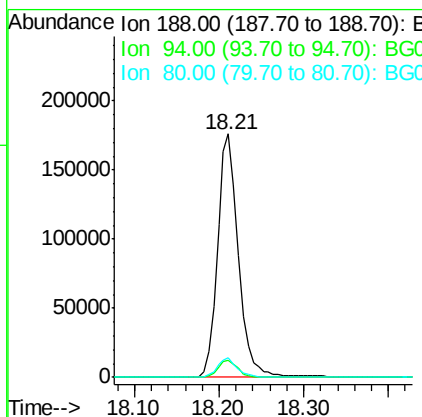
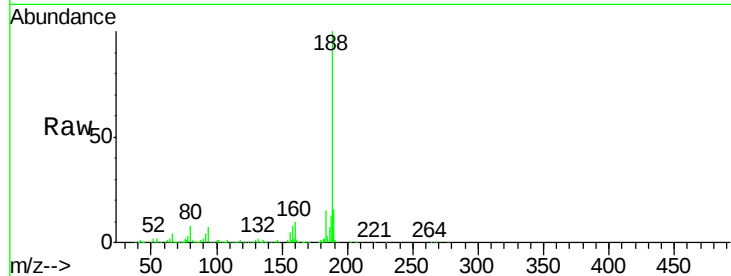


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033527.D
Acq: 3 Apr 2018 15:58

Instrument :
BNA_G
ClientSampleId :
4529-33MSD

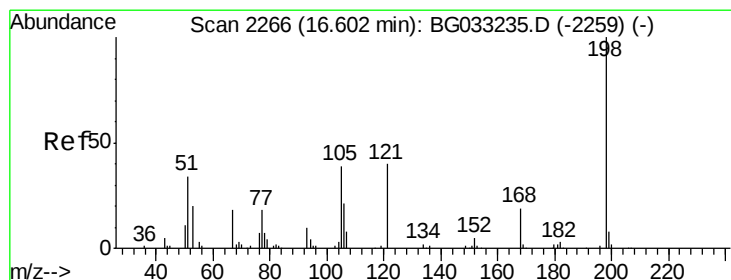
Tot Ion:	188	Resp:	303230
Ion Ratio	Lower	Upper	
188	100		
94	7.0	6.9	10.3
80	8.1	7.7	11.5

Manual Integrations
APPROVED



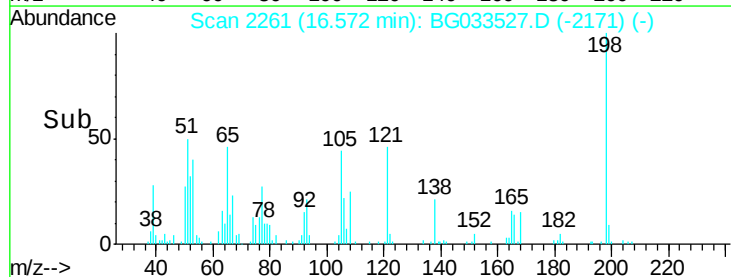
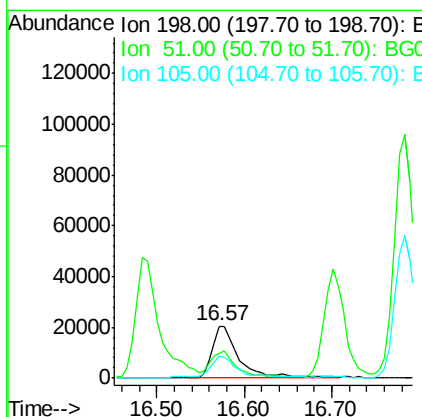
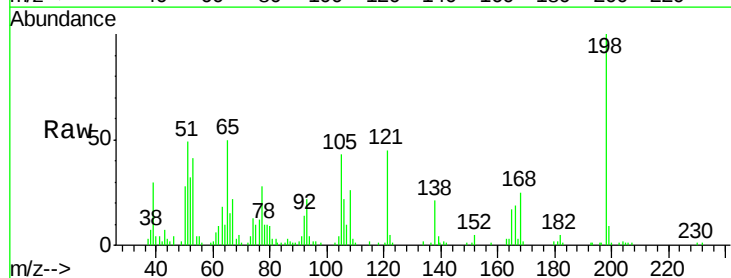
Sohil

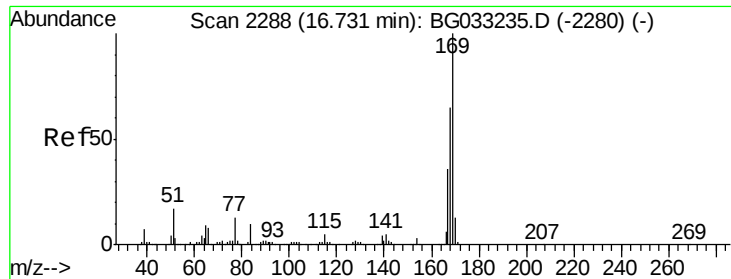
4/4/2018 4:10:49 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 23.992 ng
RT: 16.57 min Scan# 2261
Delta R.T. -0.00 min
Lab File: BG033527.D
Acq: 3 Apr 2018 15:58

Tgt Ion:	198	Resp:	43522
Ion Ratio	Lower	Upper	
198	100		
51	48.5	30.6	70.6
105	43.2	23.8	63.8



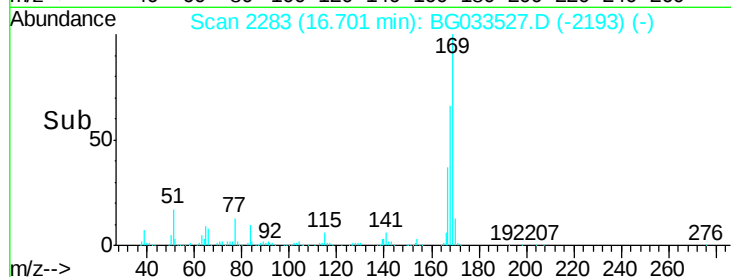
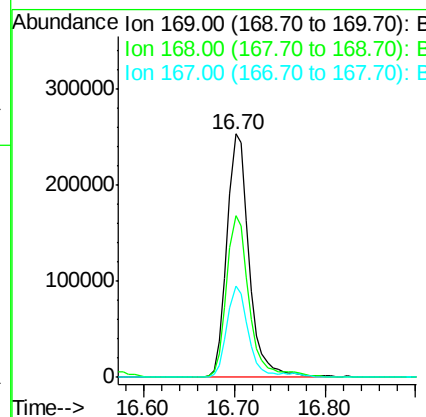
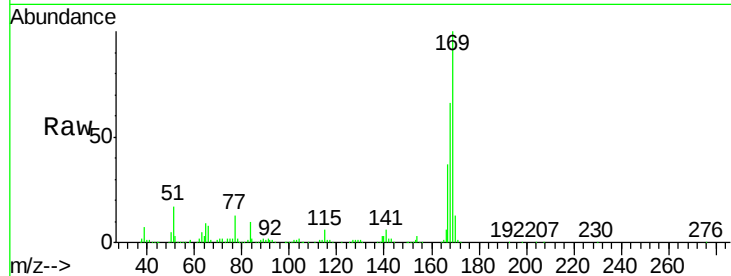


#65
n-Nitrosodiphenylamine
Concen: 49.773 ng
RT: 16.70 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BG033527.D
Acq: 3 Apr 2018 15:58

Instrument :
BNA_G
ClientSampleId :
4529-33MSD

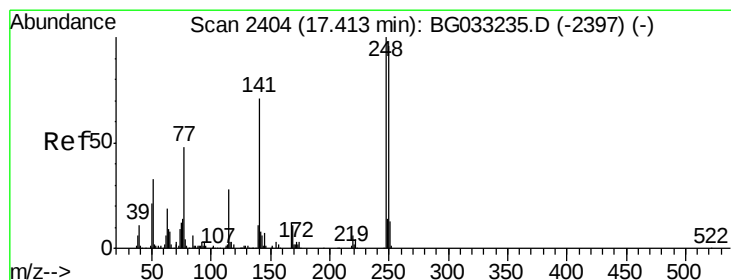
Tot Ion	Ratio	Lower	Upper
169	100		
168	66.4	55.7	83.5
167	37.2	30.1	45.1

Manual Integrations
APPROVED



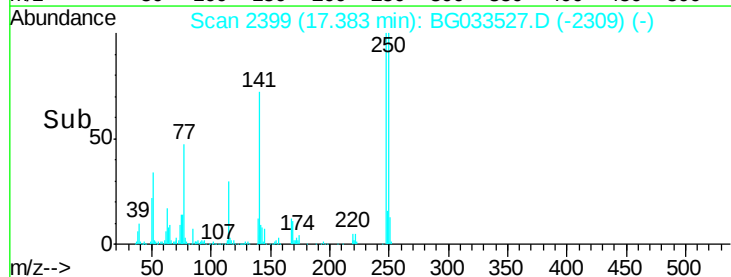
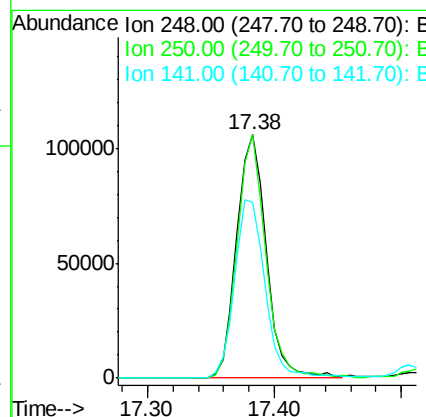
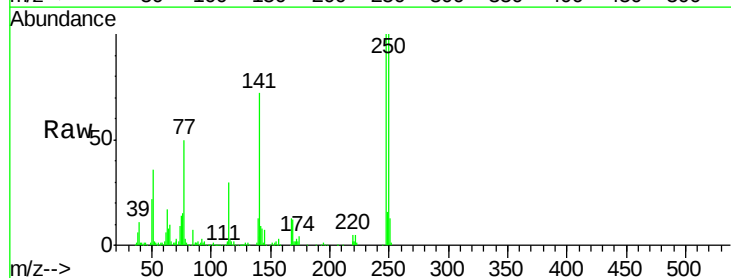
Sohil

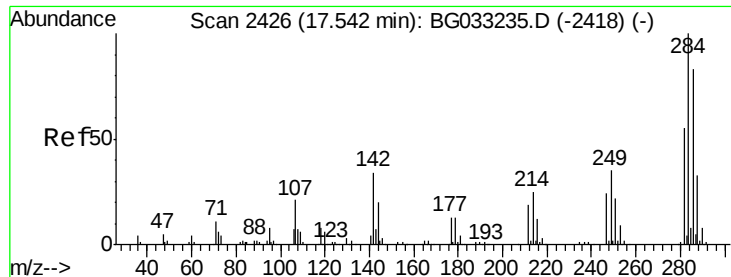
4/4/2018 4:10:49 PM



#66
4-Bromophenyl-phenylether
Concen: 48.068 ng
RT: 17.38 min Scan# 2399
Delta R.T. -0.00 min
Lab File: BG033527.D
Acq: 3 Apr 2018 15:58

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.0	77.1	115.7
141	72.0	50.8	76.2



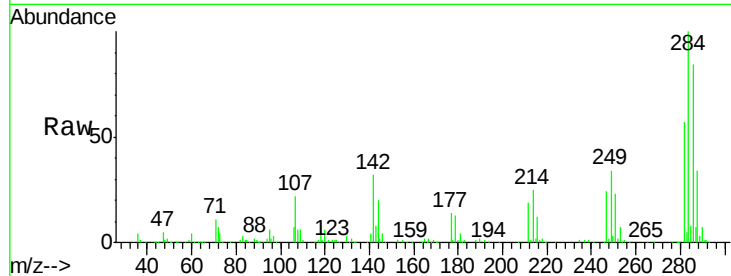


#67
Hexachlorobenzene
Concen: 47.220 ng
RT: 17.51 min Scan# 2421
Delta R.T. -0.00 min
Lab File: BG033527.D
Acq: 3 Apr 2018 15:58

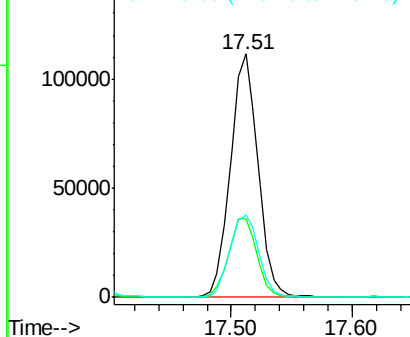
Instrument :
BNA_G
ClientSampleId :
4529-33MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	177470		
142	32.4	26.8	40.2	
249	34.0	26.3	39.5	

Manual Integrations
APPROVED

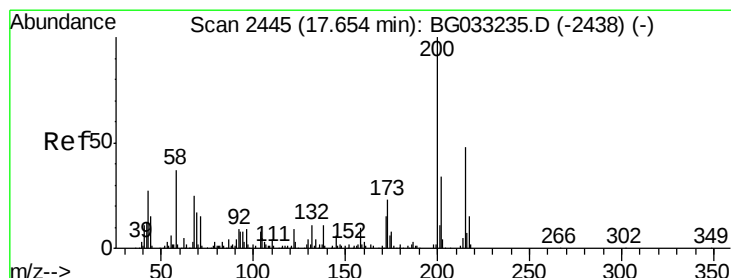
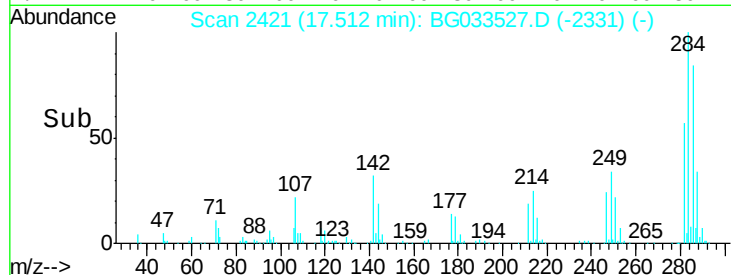


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



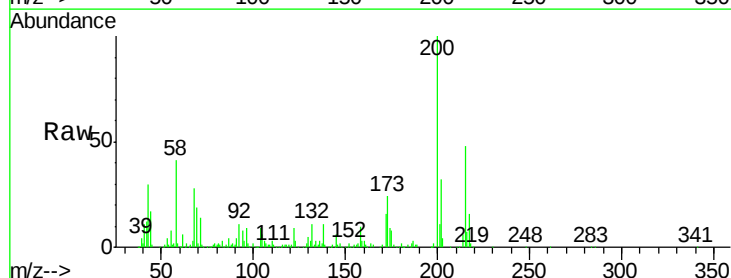
Sohil

4/4/2018 4:10:49 PM

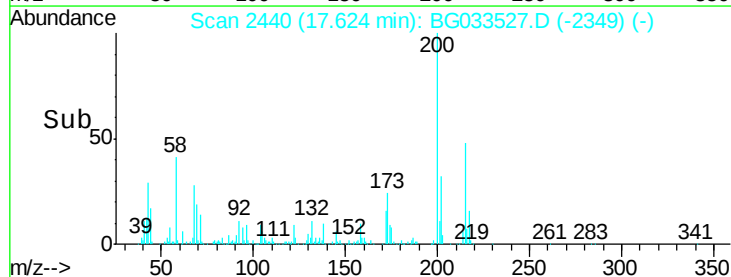
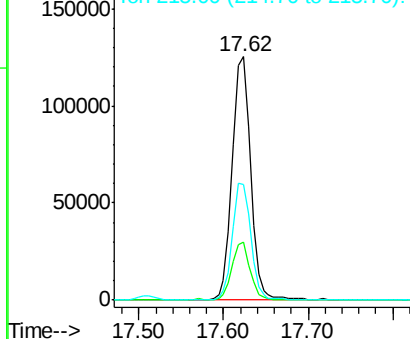


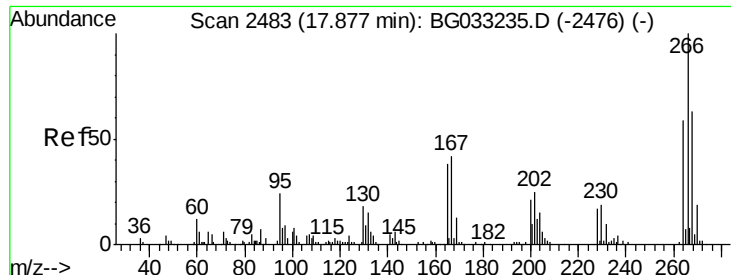
#68
Atrazine
Concen: 53.793 ng
RT: 17.62 min Scan# 2440
Delta R.T. 0.01 min
Lab File: BG033527.D
Acq: 3 Apr 2018 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	188702		
173	23.7	5.2	45.2	
215	47.5	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



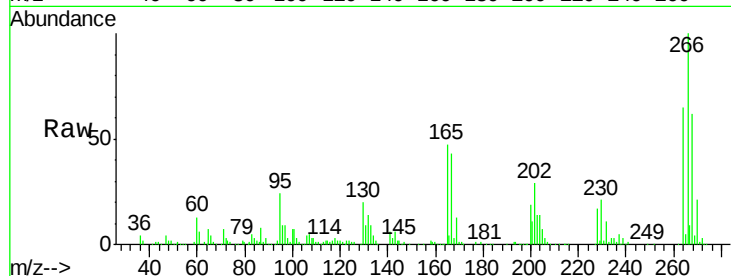


#69
 Pentachlorophenol
 Concen: 66.733 ng
 RT: 17.85 min Scan# 2478
 Delta R.T. -0.00 min
 Lab File: BG033527.D
 Acq: 3 Apr 2018 15:58

Instrument :
 BNA_G
 ClientSampleId :
 4529-33MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.8	51.1	76.7
264	65.0	49.6	74.4

Manual Integrations
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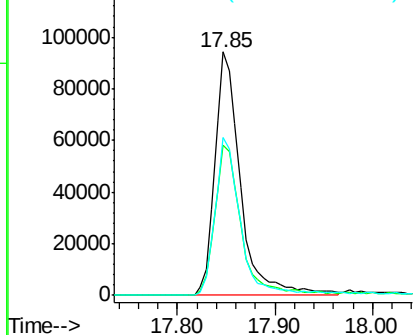


Abundance

Ion 265.70 (265.40 to 266.40): E

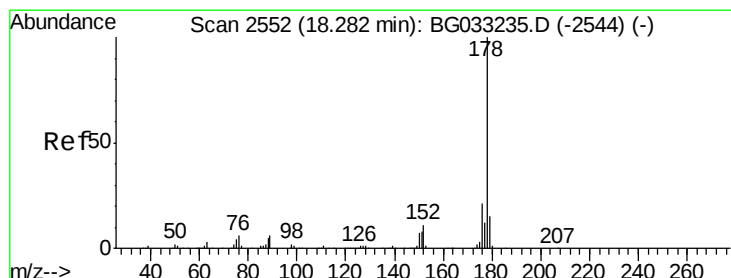
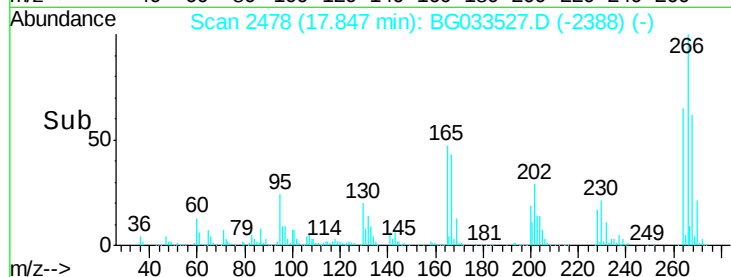
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



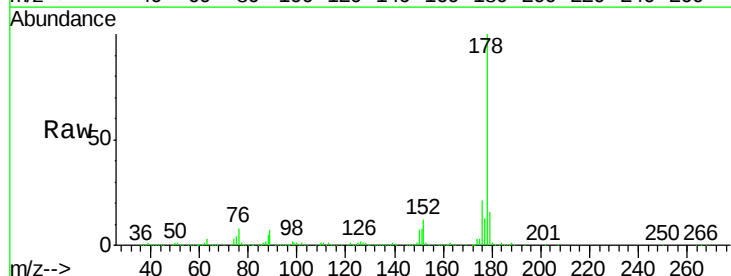
Sohil

4/4/2018 4:10:49 PM



#70
 Phenanthrene
 Concen: 49.861 ng
 RT: 18.25 min Scan# 2547
 Delta R.T. -0.00 min
 Lab File: BG033527.D
 Acq: 3 Apr 2018 15:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.2	15.7	23.5
179	15.7	12.5	18.7

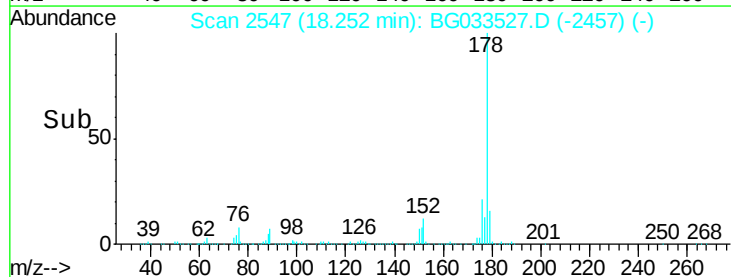
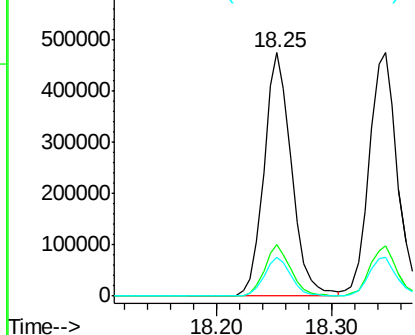


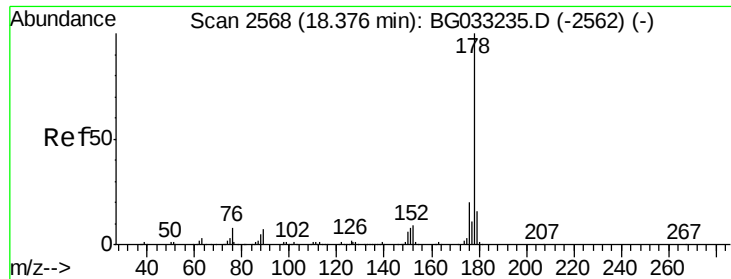
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



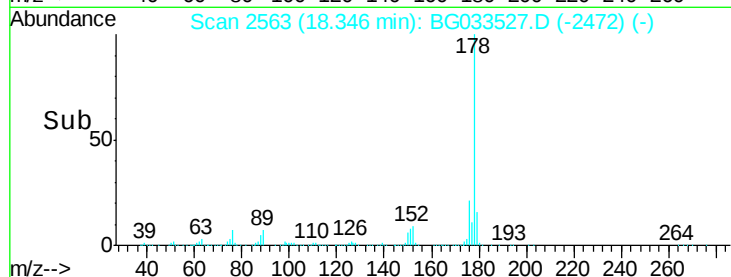
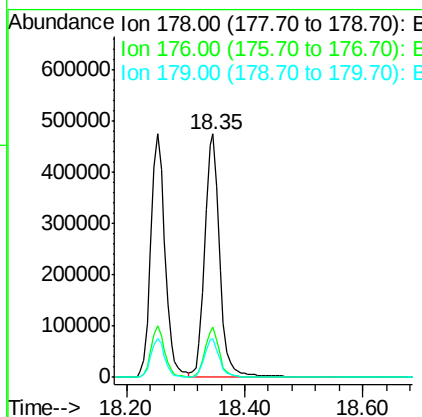
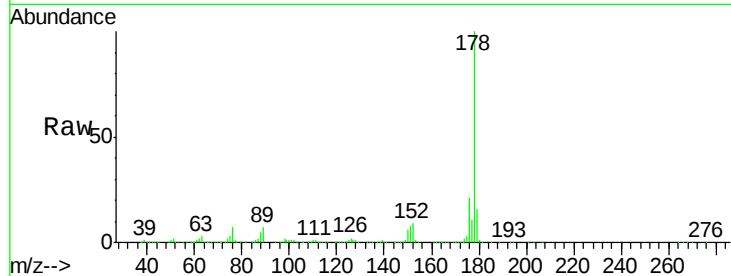


#71
 Anthracene
 Concen: 52.273 ng
 RT: 18.35 min Scan# 2563
 Delta R.T. 0.01 min
 Lab File: BG033527.D
 Acq: 3 Apr 2018 15:58

Instrument :
 BNA_G
 ClientSampleId :
 4529-33MSD

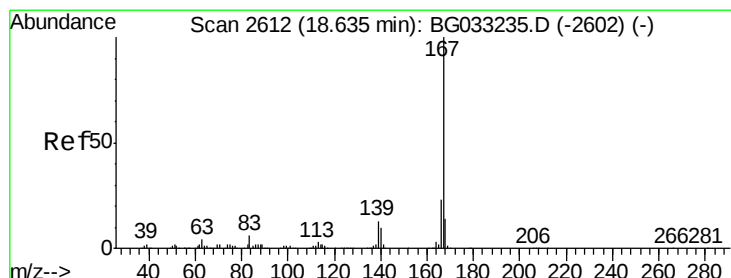
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.0	24.0
179	16.0	12.5	18.7

Manual Integrations
 APPROVED



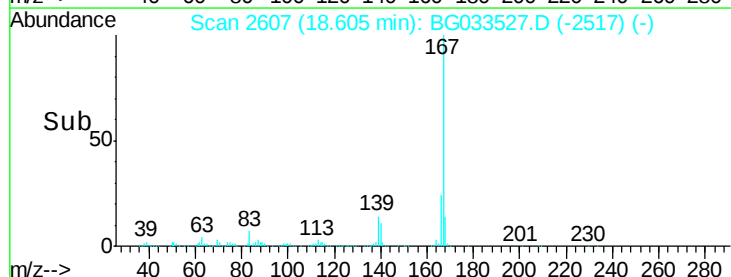
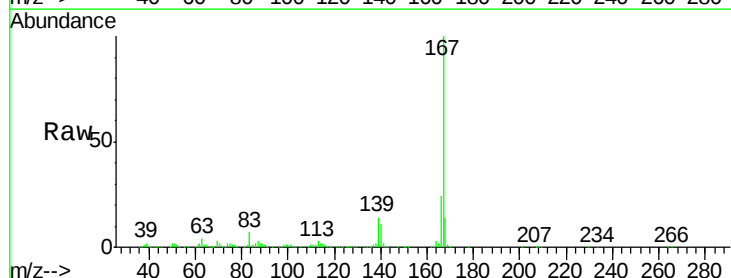
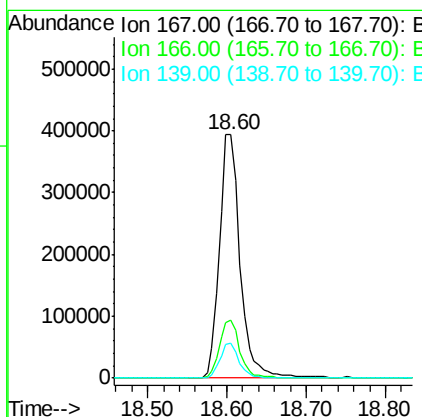
Sohil

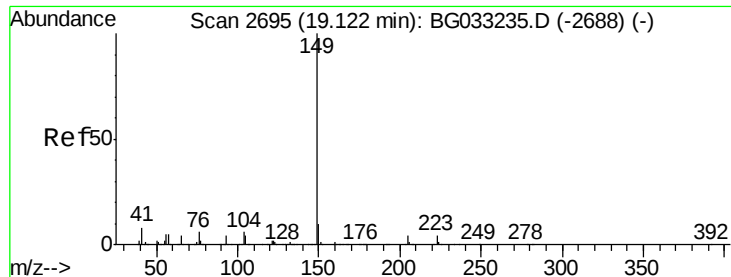
4/4/2018 4:10:49 PM



#72
 Carbazole
 Concen: 50.549 ng
 RT: 18.60 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: BG033527.D
 Acq: 3 Apr 2018 15:58

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.9	18.2	27.4
139	14.1	9.4	14.2





#73

Di-n-butylphthalate

Concen: 51.980 ng

RT: 19.09 min Scan# 2690

Delta R.T. -0.00 min

Lab File: BG033527.D

Acq: 3 Apr 2018 15:58

Instrument :

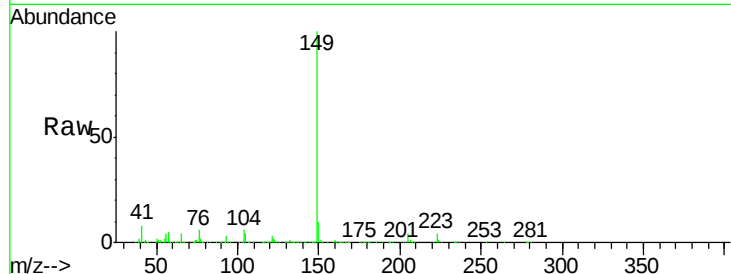
BNA_G

ClientSampleId :

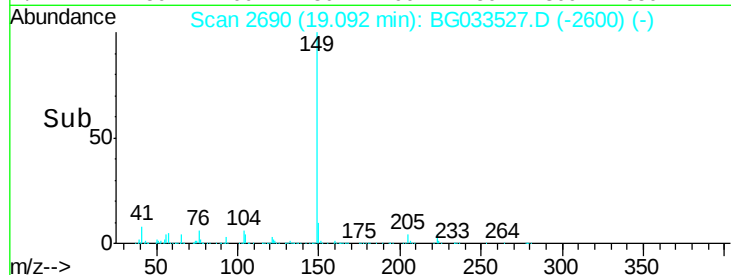
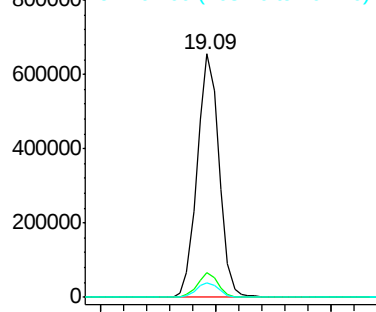
4529-33MSD

Tot Ion:	149	Resp:	857290
Ion Ratio	Lower	Upper	
149	100		
150	10.3	7.8	11.6
104	6.2	3.9	5.9

Manual Integrations
APPROVED

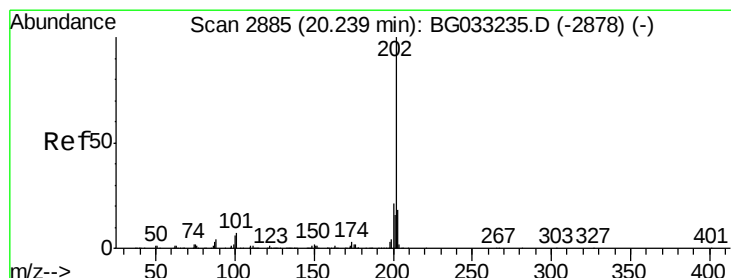


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



Sohil

4/4/2018 4:10:49 PM



#74

Fluoranthene

Concen: 50.633 ng

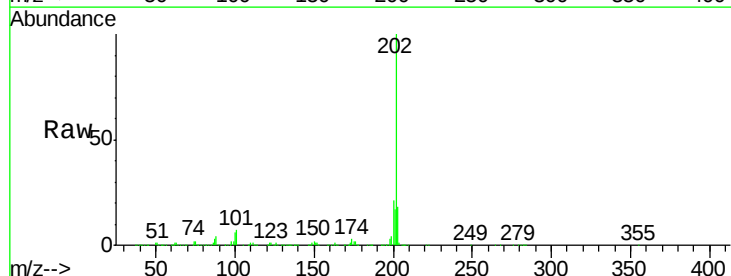
RT: 20.21 min Scan# 2880

Delta R.T. -0.00 min

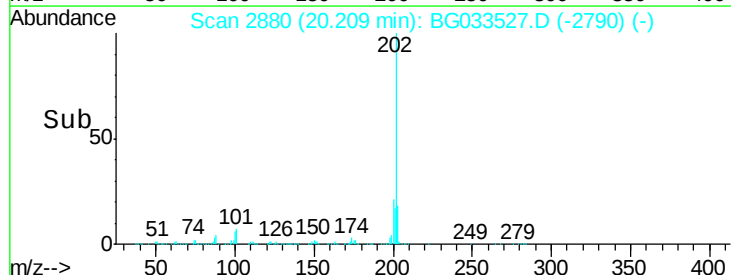
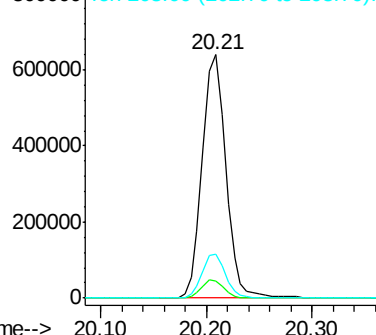
Lab File: BG033527.D

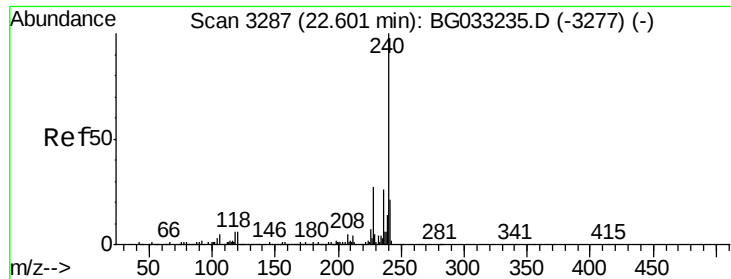
Acq: 3 Apr 2018 15:58

Tgt Ion:	202	Resp:	989507
Ion Ratio	Lower	Upper	
202	100		
101	6.8	0.0	28.9
203	18.2	0.0	37.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3280

Delta R.T. 0.01 min

Lab File: BG033527.D

Acq: 3 Apr 2018 15:58

Instrument :

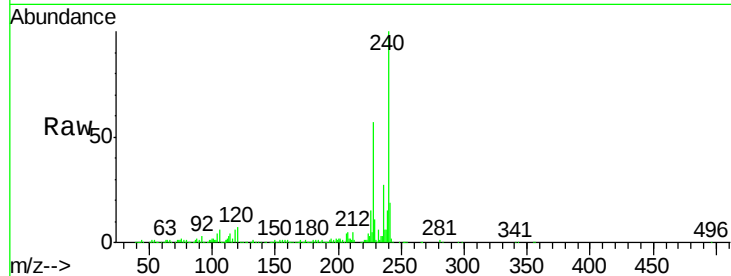
BNA_G

ClientSampleId :

4529-33MSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	6.5	6.8	10.2#	
236	27.1	20.9	31.3	

Manual Integrations
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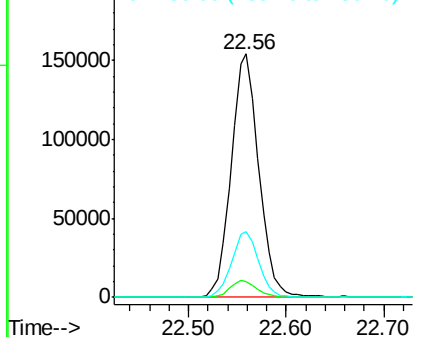


Abundance

Ion 240.00 (239.70 to 240.70): E

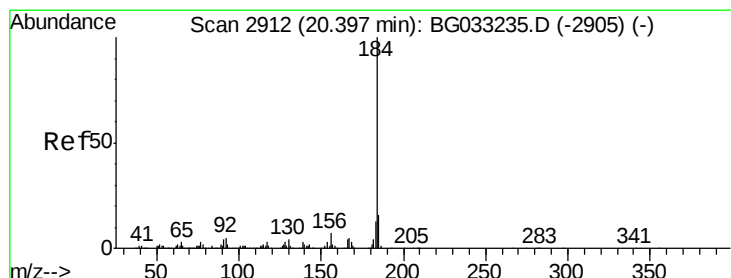
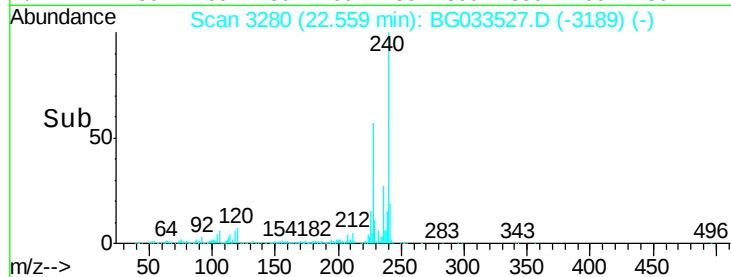
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Sohil

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#76

Benzidine

Concen: 7.696 ng

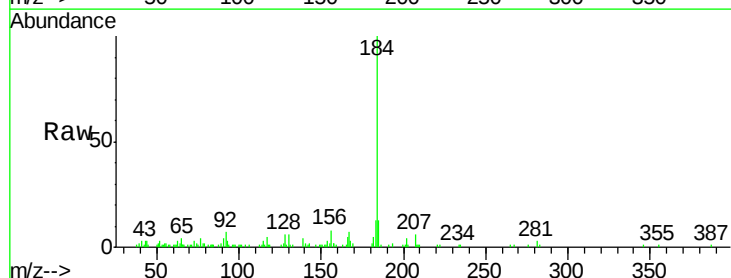
RT: 20.37 min Scan# 2907

Delta R.T. -0.00 min

Lab File: BG033527.D

Acq: 3 Apr 2018 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	12.7	11.1	16.7	
183	12.6	10.6	16.0	

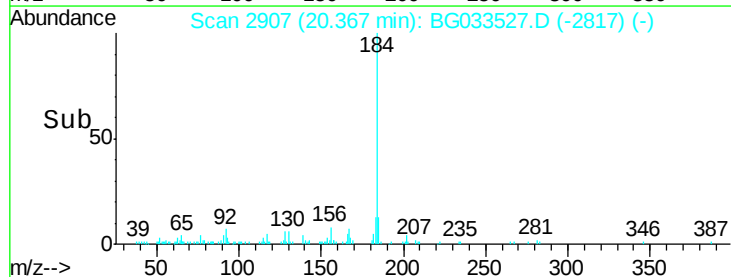
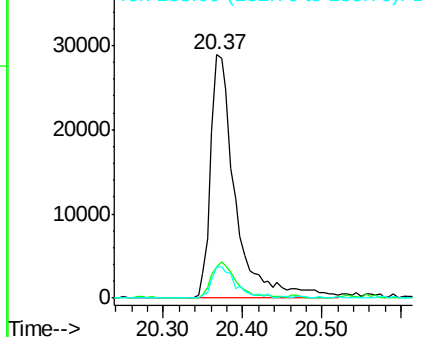


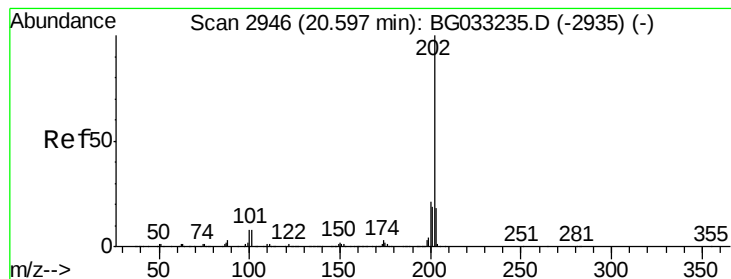
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 49.171 ng

RT: 20.56 min Scan# 2940

Delta R.T. -0.00 min

Lab File: BG033527.D

Acq: 3 Apr 2018 15:58

Instrument :

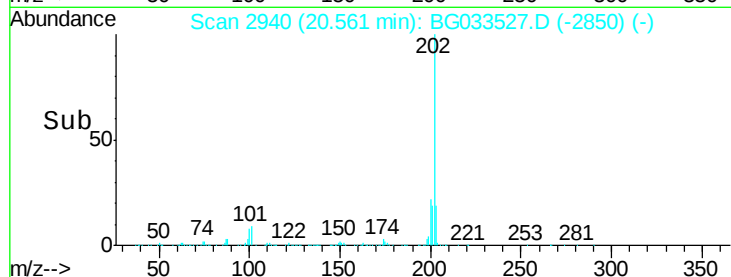
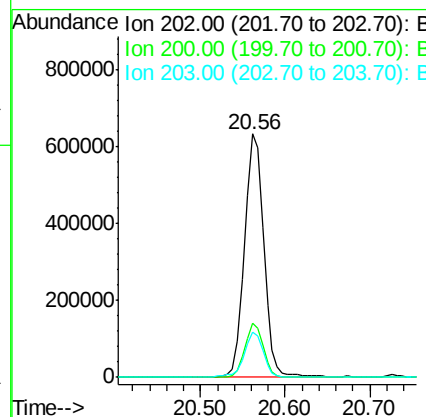
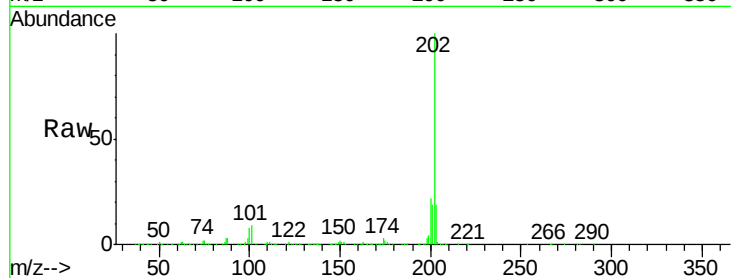
BNA_G

ClientSampled :

4529-33MSD

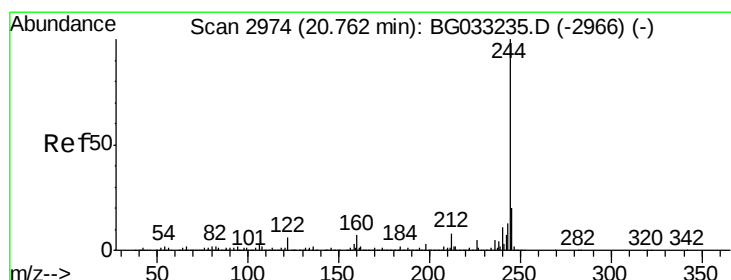
Tot Ion:	202	Resp:	992332
Ion Ratio		Lower	Upper
202	100		
200	22.3	16.9	25.3
203	18.6	13.9	20.9

Manual Integrations
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Sohil

4/4/2018 4:10:49 PM



#78

Terphenyl-d14

Concen: 112.129 ng

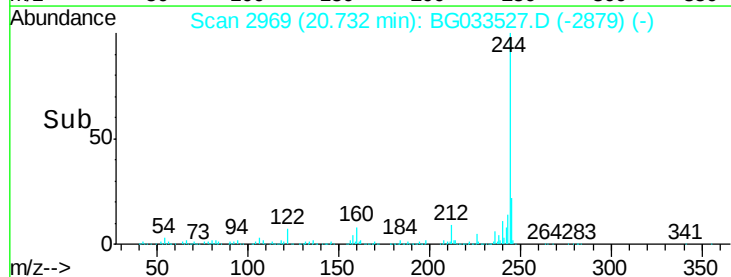
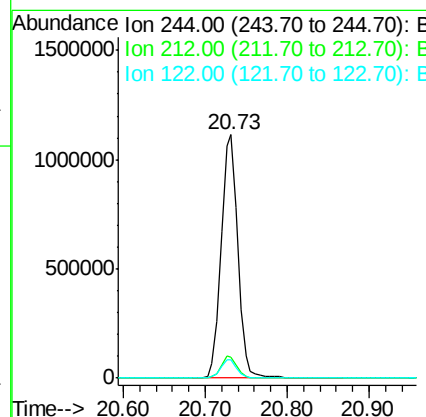
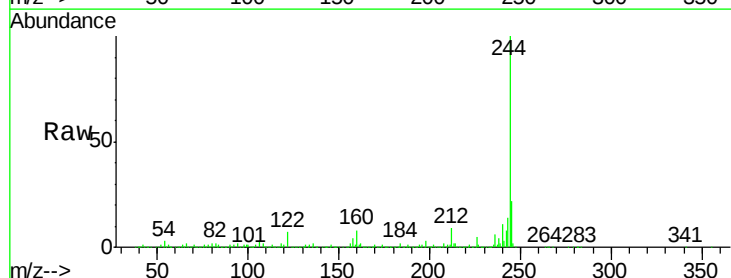
RT: 20.73 min Scan# 2969

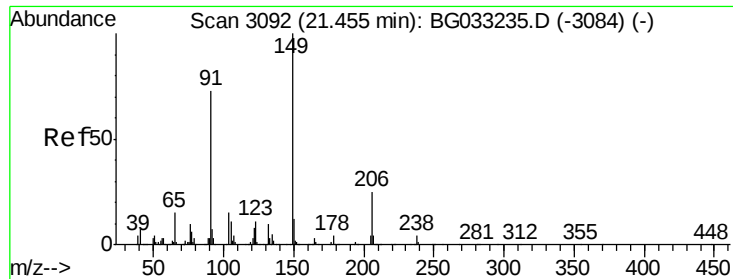
Delta R.T. -0.00 min

Lab File: BG033527.D

Acq: 3 Apr 2018 15:58

Tgt Ion:	244	Resp:	1586527
Ion Ratio		Lower	Upper
244	100		
212	8.8	5.8	8.8#
122	7.4	7.0	10.4



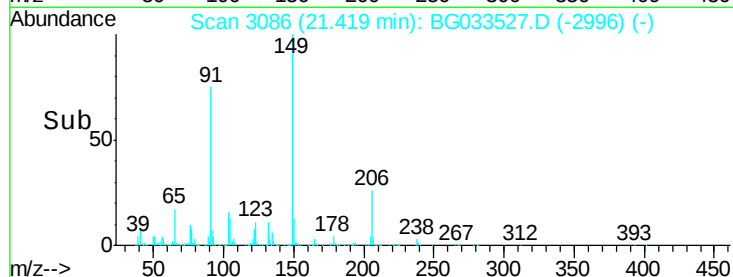
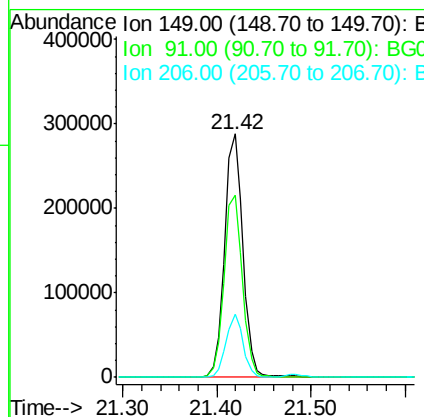
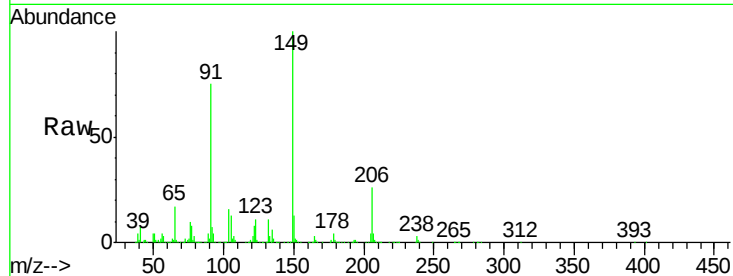


#79
Butylbenzylphthalate
Concen: 52.341 ng
RT: 21.42 min Scan# 3086
Delta R.T. -0.00 min
Lab File: BG033527.D
Acq: 3 Apr 2018 15:58

Instrument :
BNA_G
ClientSampleId :
4529-33MSD

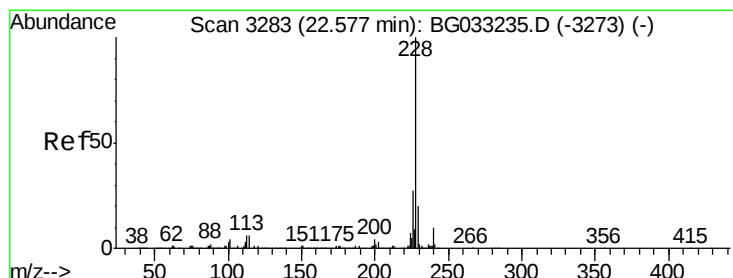
Tot Ion	Ratio	Lower	Upper
149	100		
91	74.9	62.2	93.2
206	26.0	18.6	27.8

Manual Integrations
APPROVED



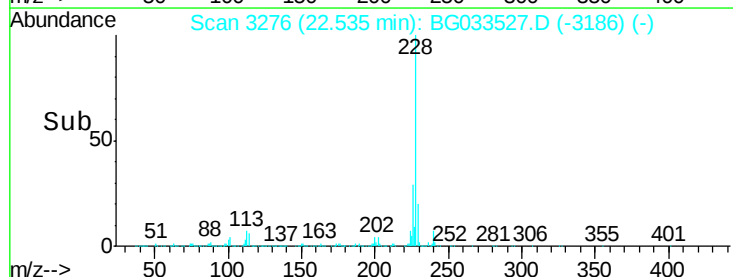
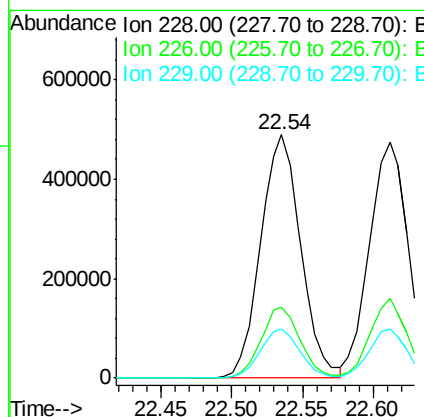
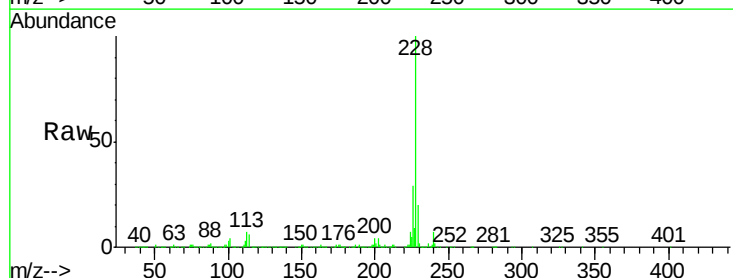
Sohil

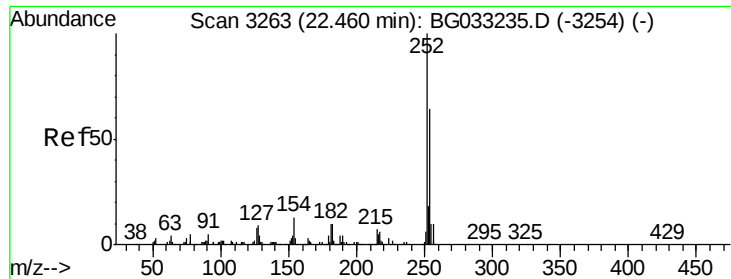
4/4/2018 4:10:49 PM



#80
Benzo(a)anthracene
Concen: 50.507 ng
RT: 22.54 min Scan# 3276
Delta R.T. -0.00 min
Lab File: BG033527.D
Acq: 3 Apr 2018 15:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.7	34.1
229	20.4	16.2	24.2



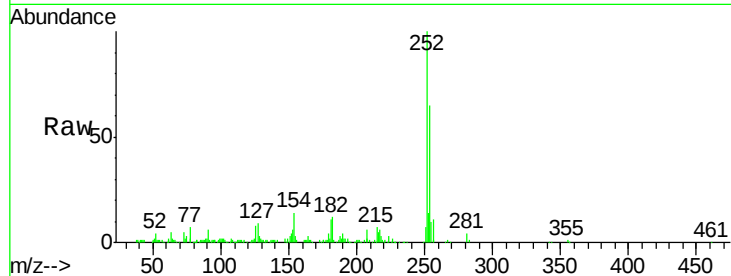


#81
 3,3'-Dichlorobenzidine
 Concen: 17.708 ng
 RT: 22.42 min Scan# 3256
 Delta R.T. -0.01 min
 Lab File: BG033527.D
 Acq: 3 Apr 2018 15:58

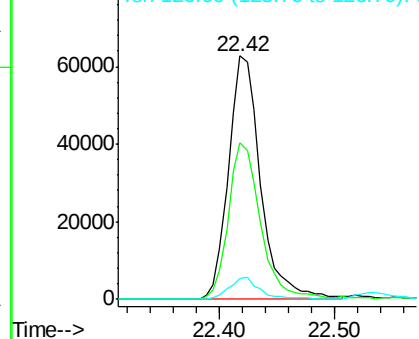
Instrument :
 BNA_G
 ClientSampleId :
 4529-33MSD

Tot Ion:	252	Resp:	121413
Ion Ratio	Lower	Upper	
252	100		
254	64.6	50.8	76.2
126	8.3	7.4	11.2

Manual Integrations
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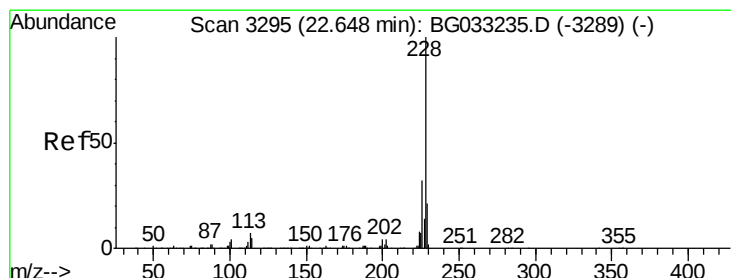
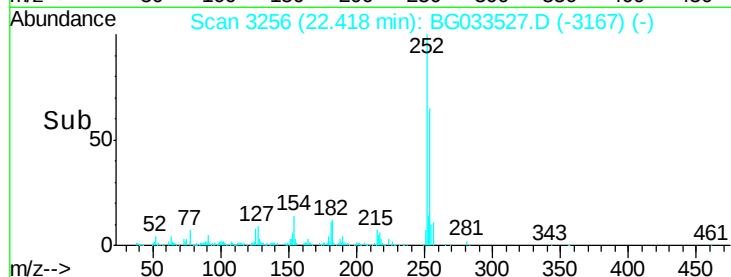


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E



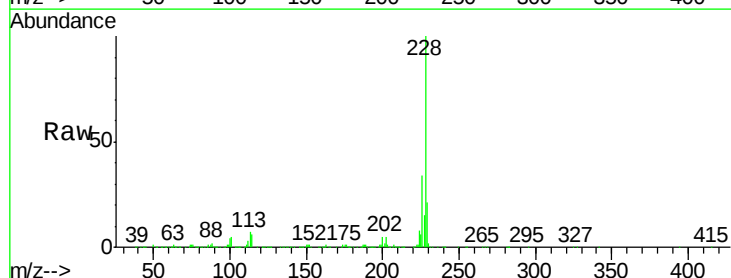
Sohil

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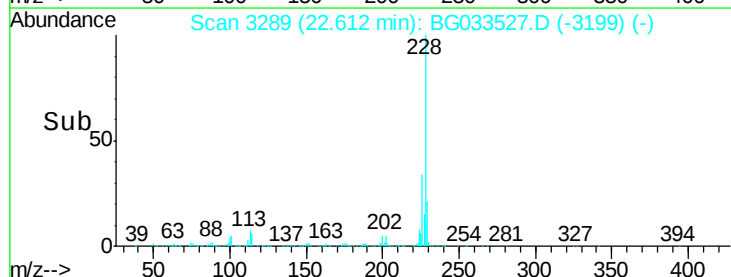
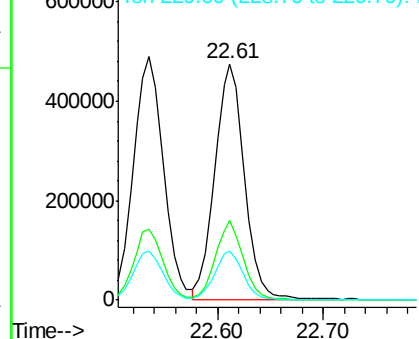


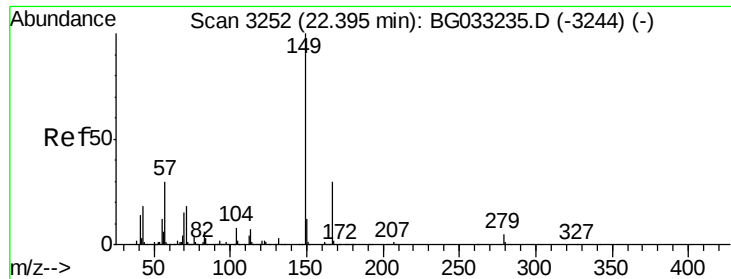
#82
 Chrysene
 Concen: 49.410 ng
 RT: 22.61 min Scan# 3289
 Delta R.T. -0.00 min
 Lab File: BG033527.D
 Acq: 3 Apr 2018 15:58

Tgt Ion:	228	Resp:	921568
Ion Ratio	Lower	Upper	
228	100		
226	33.5	24.9	37.3
229	20.7	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



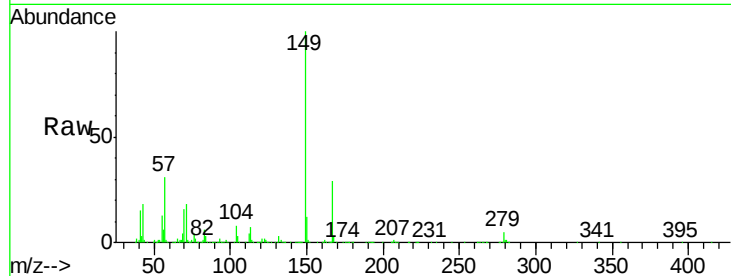


#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.740 ng
 RT: 22.35 min Scan# 3245
 Delta R.T. -0.00 min
 Lab File: BG033527.D
 Acq: 3 Apr 2018 15:58

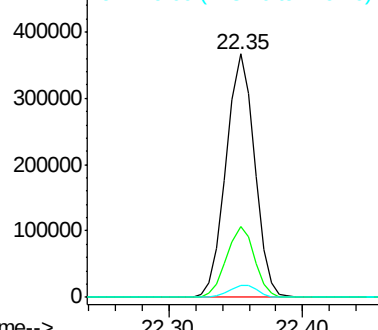
Instrument :
 BNA_G
 ClientSampleId :
 4529-33MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.9	24.3	36.5
279	5.0	4.0	6.0

Manual Integrations
 APPROVED

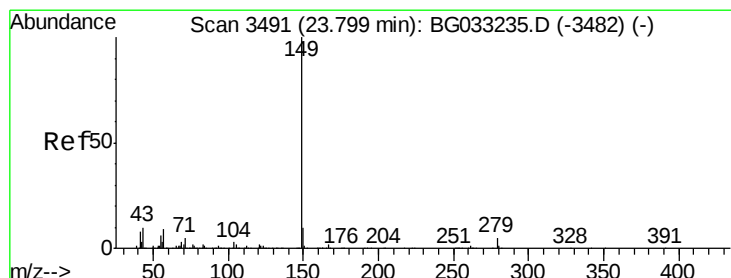
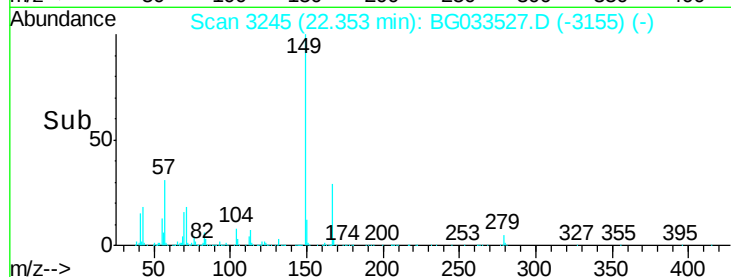


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



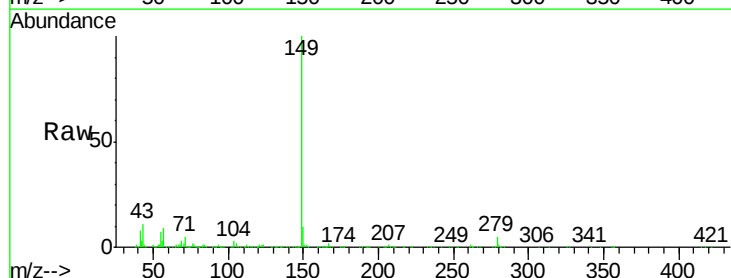
Sohil

4/4/2018 4:10:49 PM

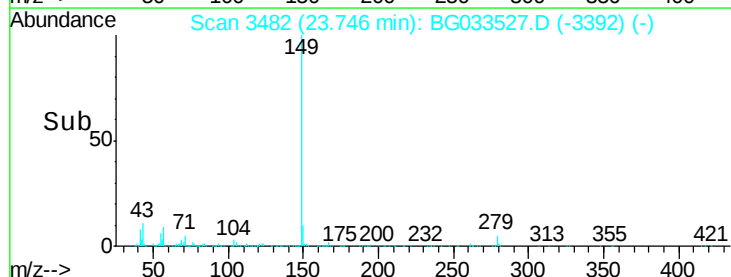
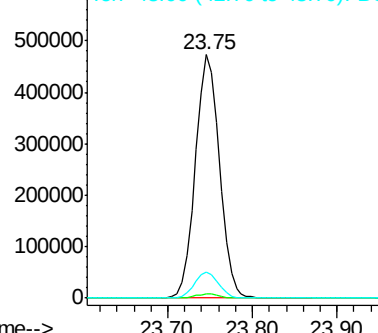


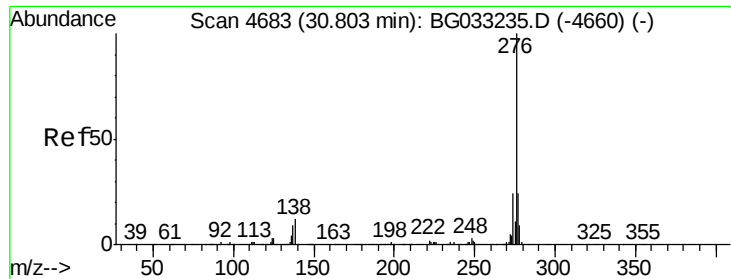
#84
 Di-n-octyl phthalate
 Concen: 59.181 ng
 RT: 23.75 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: BG033527.D
 Acq: 3 Apr 2018 15:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.7	8.9	13.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BGO



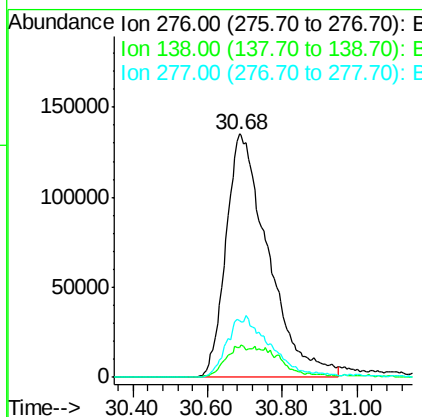
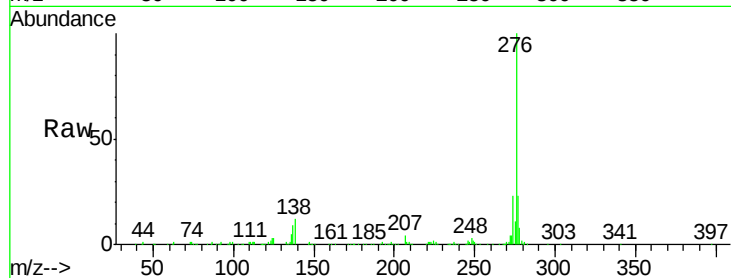


#85
Indeno(1,2,3-cd)pyrene
Concen: 52.708 ng
RT: 30.68 min Scan# 4663
Delta R.T. -0.01 min
Lab File: BG033527.D
Acq: 3 Apr 2018 15:58

Instrument :
BNA_G
ClientSampleId :
4529-33MSD

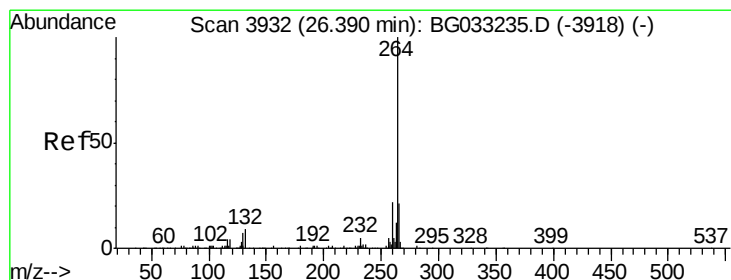
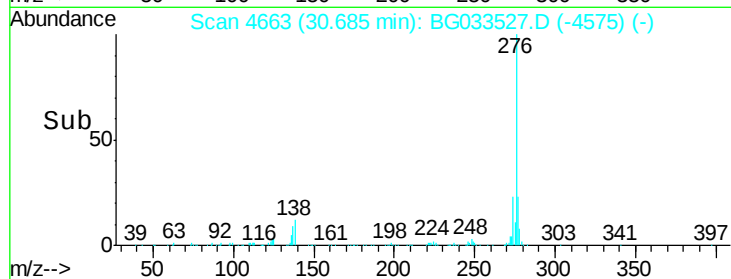
Tot Ion	Ratio	Lower	Upper
276	100		
138	6.7	16.0	24.0#
277	10.2	20.0	30.0#

Manual Integrations
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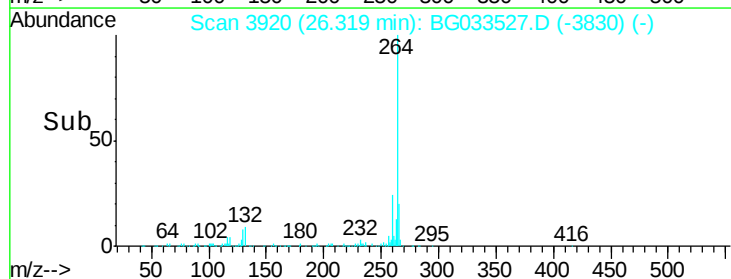
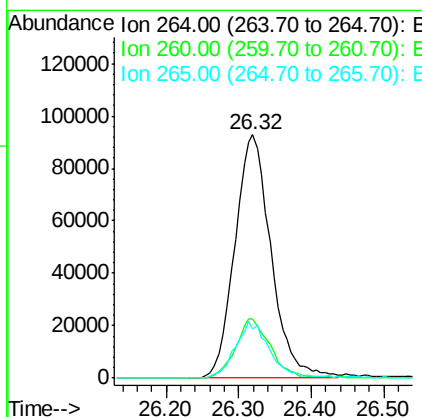
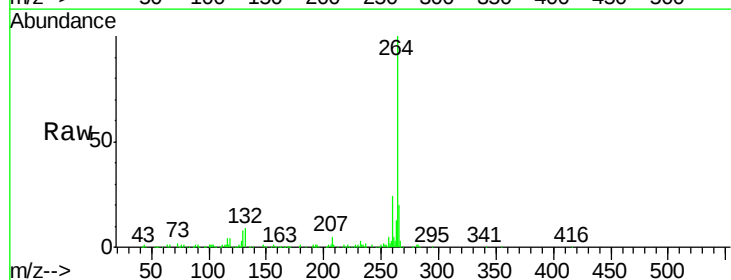
Sohil

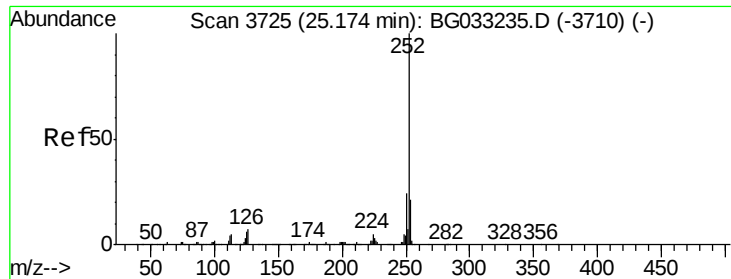
4/4/2018 4:10:49 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 26.32 min Scan# 3920
Delta R.T. -0.00 min
Lab File: BG033527.D
Acq: 3 Apr 2018 15:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	20.2	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 51.761 ng

RT: 25.11 min Scan# 3714

Delta R.T. -0.00 min

Lab File: BG033527.D

Acq: 3 Apr 2018 15:58

Instrument :

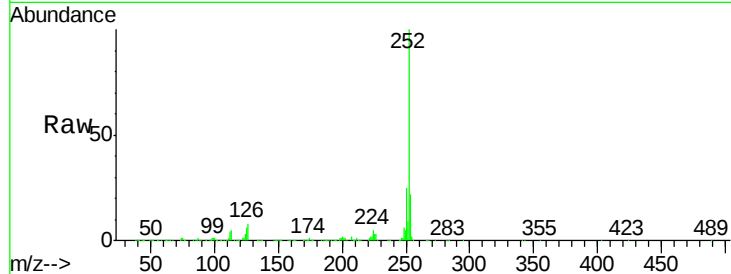
BNA_G

ClientSampled :

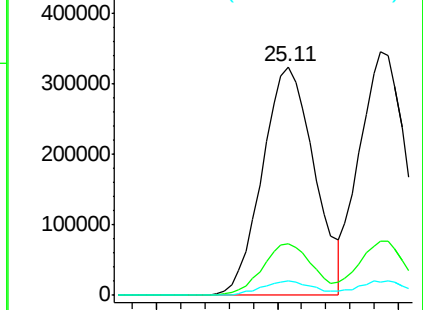
4529-33MSD

Tot Ion:252	Resp:	963812
Ion Ratio	Lower	Upper
252	100	
253	22.3	18.2 27.4
125	6.4	7.2 10.8#

Manual Integrations
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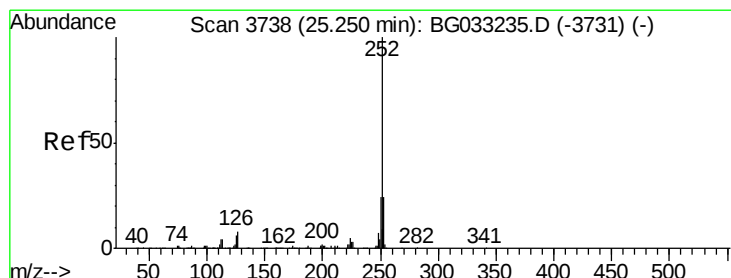
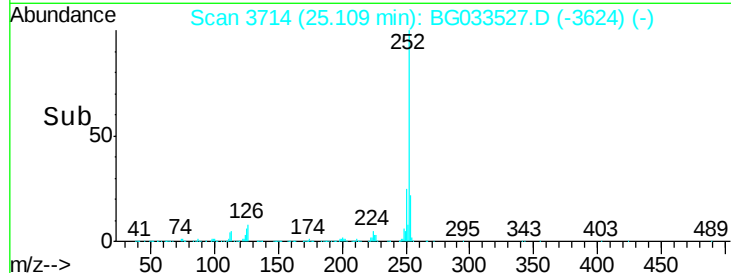


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Sohil

4/4/2018 4:10:49 PM



#88

Benzo(k)fluoranthene

Concen: 50.765 ng

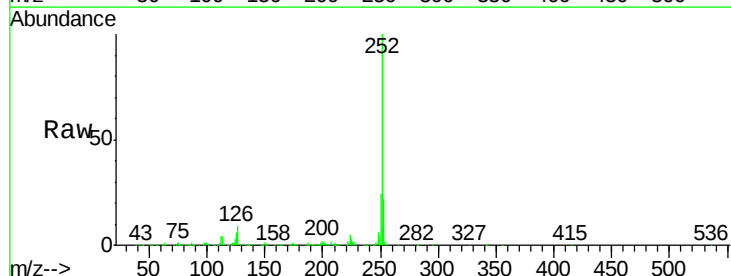
RT: 25.19 min Scan# 3727

Delta R.T. -0.00 min

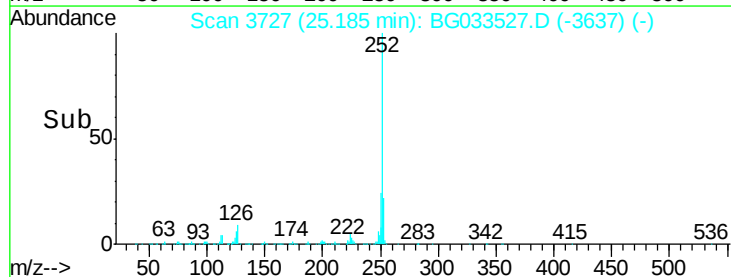
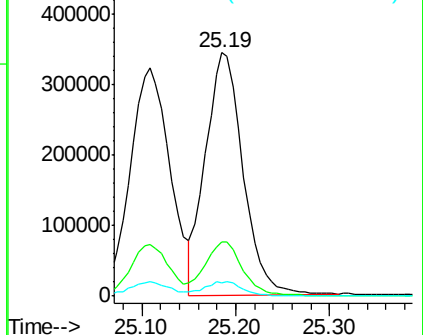
Lab File: BG033527.D

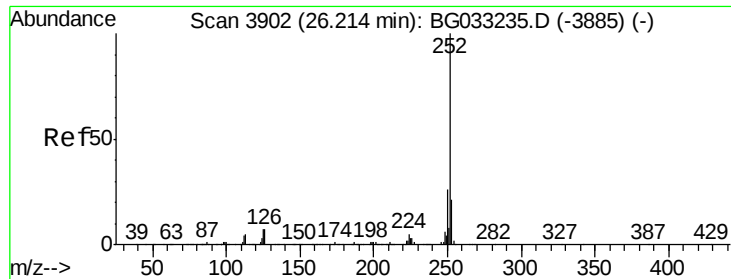
Acq: 3 Apr 2018 15:58

Tgt Ion:252	Resp:	956039
Ion Ratio	Lower	Upper
252	100	
253	22.2	17.4 26.2
125	5.7	6.6 9.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



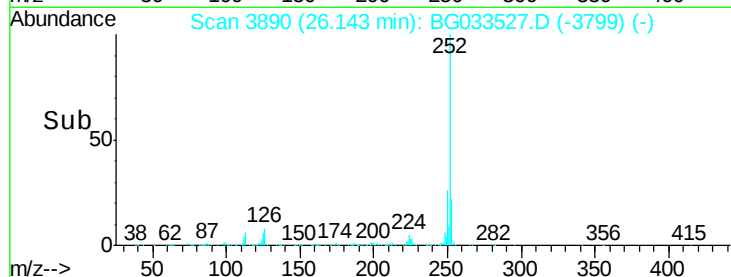
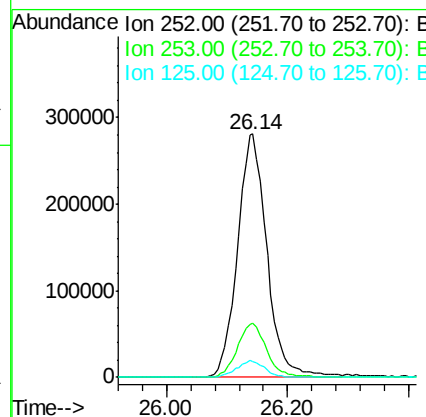
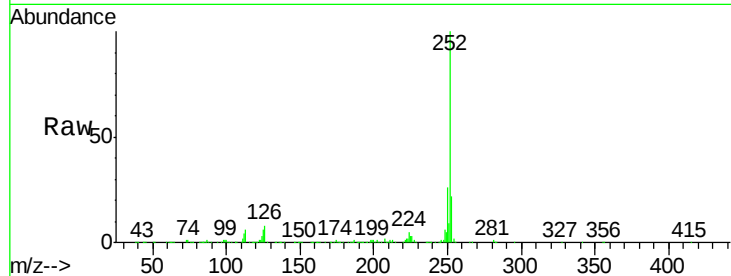


#89
Benzo(a)pyrene
Concen: 52.943 ng
RT: 26.14 min Scan# 3890
Delta R.T. 0.01 min
Lab File: BG033527.D
Acq: 3 Apr 2018 15:58

Instrument :
BNA_G
ClientSampled :
4529-33MSD

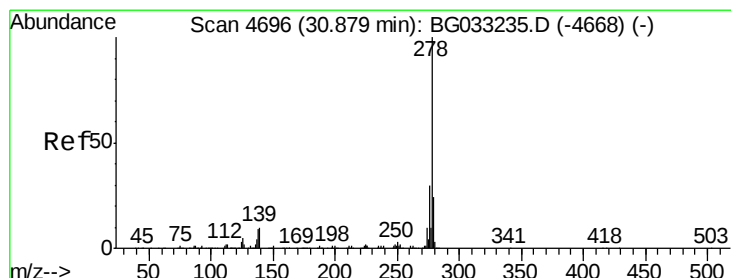
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.3	27.5
125	6.4	7.3	10.9

Manual Integrations
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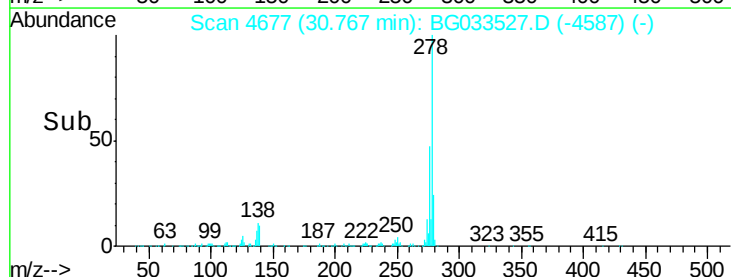
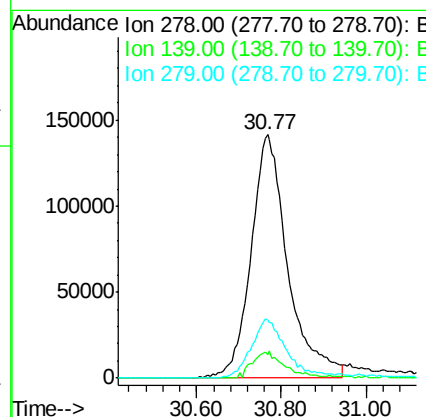
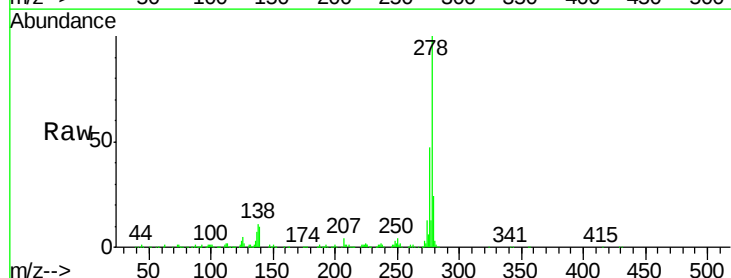
Sohil

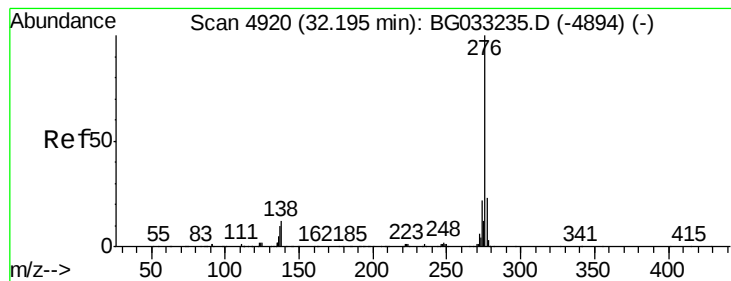
4/4/2018 4:10:49 PM



#90
Dibenzo(a,h)anthracene
Concen: 50.961 ng
RT: 30.77 min Scan# 4677
Delta R.T. -0.00 min
Lab File: BG033527.D
Acq: 3 Apr 2018 15:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.9	9.8	14.6
279	23.9	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 51.174 ng

RT: 32.07 min Scan# 4899

Delta R.T. -0.00 min

Lab File: BG033527.D

Acq: 3 Apr 2018 15:58

Instrument :

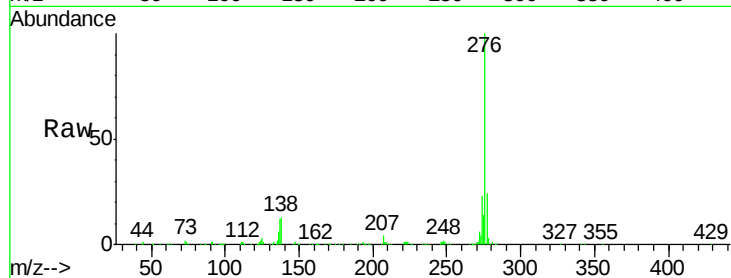
BNA_G

ClientSampleId :

4529-33MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.3	27.5
138	12.9	13.9	20.9

Manual Integrations
APPROVED

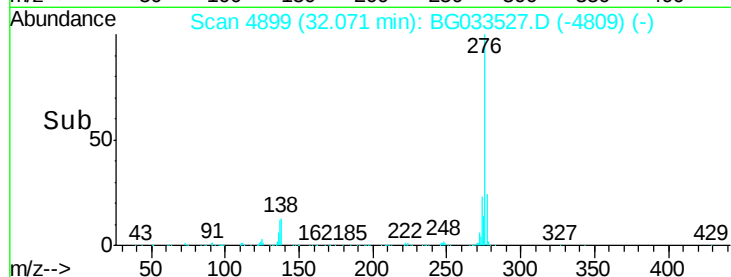
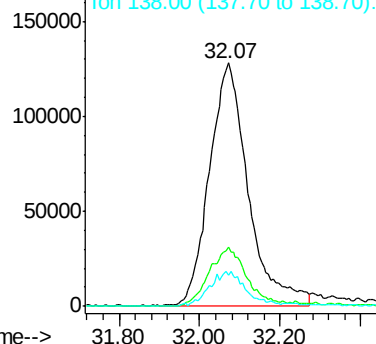


Abundance

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



Sohil

4/4/2018 4:10:49 PM