

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042016\
 Data File : BG021766.D
 Acq On : 19 Apr 2016 22:17
 Operator : UM/SJ
 Sample : H2620-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EUT01-TU-B2(9-13)-CMSD

Manual Integrations
 APPROVED

Sohil
 4/20/2016 1:38:45 PM

Quant Time: Apr 20 11:53:04 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 15:48:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	26281	20.00	ng	-0.01
21) Naphthalene-d8	11.03	136	126060	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	84668	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	183118	20.00	ng	0.00
75) Chrysene-d12	21.83	240	198549	20.00	ng	0.00
86) Perylene-d12	25.17	264	197113	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.76	112	222677	141.10	ng	0.00
7) Phenol-d6	7.37	99	342276	145.19	ng	0.01
23) Nitrobenzene-d5	9.38	82	204870	83.53	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	137177	150.33	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	480573	83.16	ng	0.00
78) Terphenyl-d14	20.14	244	632799	79.53	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.62	88	19597	27.90	ng	# 87
3) Pyridine	4.03	79	65492	31.07	ng	# 90
4) n-Nitrosodimethylamine	3.94	42	35717	34.19	ng	# 85
6) Aniline	7.54	93	102431	32.85	ng	94
8) 2-Chlorophenol	7.78	128	86347	45.64	ng	95
9) Benzaldehyde	7.35	77	19980	14.66	ng	94
10) Phenol	7.39	94	120759	47.63	ng	99
11) bis(2-Chloroethyl)ether	7.62	93	80462	39.65	ng	92
12) 1,3-Dichlorobenzene	8.10	146	80784	38.23	ng	96
13) 1,4-Dichlorobenzene	8.25	146	83229	38.69	ng	94
14) 1,2-Dichlorobenzene	8.57	146	83239	40.33	ng	96
15) Benzyl Alcohol	8.45	79	86086	47.78	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.74	45	151565	34.87	ng	99
17) 2-Methylphenol	8.65	107	83376	47.56	ng	92
18) Hexachloroethane	9.30	117	30972	39.56	ng	# 78
19) n-Nitroso-di-n-propylamine	9.02	70	73853	40.32	ng	# 95
20) 3+4-Methylphenols	8.98	107	116630	48.62	ng	97
22) Acetophenone	9.04	105	136434	38.86	ng	# 96
24) Nitrobenzene	9.43	77	106310	40.48	ng	94
25) Isophorone	9.94	82	211484	39.40	ng	99
26) 2-Nitrophenol	10.14	139	50936	50.81	ng	96
27) 2,4-Dimethylphenol	10.19	122	93265	40.95	ng	99
28) bis(2-Chloroethoxy)methane	10.42	93	120916	42.39	ng	93
29) 2,4-Dichlorophenol	10.67	162	94941	48.90	ng	97
30) 1,2,4-Trichlorobenzene	10.89	180	89239	42.74	ng	94
31) Naphthalene	11.08	128	282672	41.90	ng	# 96
33) 4-Chloroaniline	11.18	127	81881	28.04	ng	98
34) Hexachlorobutadiene	11.35	225	56529	41.98	ng	97
35) Caprolactam	11.95	113	35889m	40.39	ng	
36) 4-Chloro-3-methylphenol	12.29	107	114613	46.94	ng	96
37) 2-Methylnaphthalene	12.67	142	217082	46.87	ng	98
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	112112	42.37	ng	99
40) Hexachlorocyclopentadiene	13.01	237	114915	78.18	ng	98
42) 2,4,6-Trichlorophenol	13.26	196	79122	46.89	ng	97

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Manual Integrations
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Quant Time: Apr 20 11:53:04 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 15:48:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.34	196	85355	46.88	nq	98
45) 1,1'-Biphenyl	13.66	154	286417	40.15	nq	97
46) 2-Chloronaphthalene	13.71	162	221818	42.06	nq	98
47) 2-Nitroaniline	13.90	65	80419	44.47	nq	97
48) Acenaphthylene	14.55	152	361410	41.45	nq	99
49) Dimethylphthalate	14.27	163	359805	49.15	nq	99
50) 2,6-Dinitrotoluene	14.39	165	64577	46.26	nq	96
51) Acenaphthene	14.89	154	228529	41.00	nq	98
52) 3-Nitroaniline	14.73	138	59977	38.74	nq	97
53) 2,4-Dinitrophenol	14.93	184	12699	28.90	nq	# 84
54) Dibenzofuran	15.22	168	355860	46.75	nq	99
55) 4-Nitrophenol	15.03	139	110623	83.46	nq	93
56) 2,4-Dinitrotoluene	15.18	165	91530	48.52	nq	92
57) Fluorene	15.87	166	286573	42.16	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.44	232	75867	50.22	nq	100
59) Diethylphthalate	15.62	149	302825	39.63	nq	97
60) 4-Chlorophenyl-phenylether	15.85	204	140760	42.04	nq	97
61) 4-Nitroaniline	15.88	138	69236	40.65	nq	97
62) Azobenzene	16.14	77	284303	43.42	nq	97
64) 4,6-Dinitro-2-methylphenol	15.94	198	28825	38.94	nq	95
65) n-Nitrosodiphenylamine	16.07	169	258908	47.14	nq	97
66) 4-Bromophenyl-phenylether	16.74	248	92603	47.20	nq	94
67) Hexachlorobenzene	16.86	284	96648	46.66	nq	95
68) Atrazine	17.00	200	95601	44.08	nq	98
69) Pentachlorophenol	17.21	266	103700	87.70	nq	95
70) Phenanthrene	17.60	178	441149	43.71	nq	98
71) Anthracene	17.69	178	445718	43.50	nq	97
72) Carbazole	17.96	167	409603	42.83	nq	99
73) Di-n-butylphthalate	18.50	149	491886	40.44	nq	99
74) Fluoranthene	19.60	202	493541	40.95	nq	99
76) Benzidine	19.77	184	240735	38.94	nq	99
77) Pyrene	19.96	202	507073	44.29	nq	99
79) Butylbenzylphthalate	20.82	149	226247	42.57	nq	99
80) Benzo(a)anthracene	21.81	228	497976	43.58	nq	99
81) 3,3'-Dichlorobenzidine	21.72	252	107634	11.90	nq	99
82) Chrysene	21.88	228	457278	41.66	nq	99
83) Bis(2-ethylhexyl)phthalate	21.69	149	323937	41.67	nq	99
84) Di-n-octyl phthalate	22.94	149	559185	42.94	nq	98
85) Indeno(1,2,3-cd)pyrene	28.99	276	574318	44.01	nq	# 94
87) Benzo(b)fluoranthene	24.10	252	505434	44.19	nq	98
88) Benzo(k)fluoranthene	24.17	252	469697	42.00	nq	98
89) Benzo(a)pyrene	25.01	252	482831	43.57	nq	98
90) Dibenzo(a,h)anthracene	29.06	278	481606	43.35	nq	97
91) Benzo(g,h,i)perylene	30.19	276	472537	43.34	nq	97

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

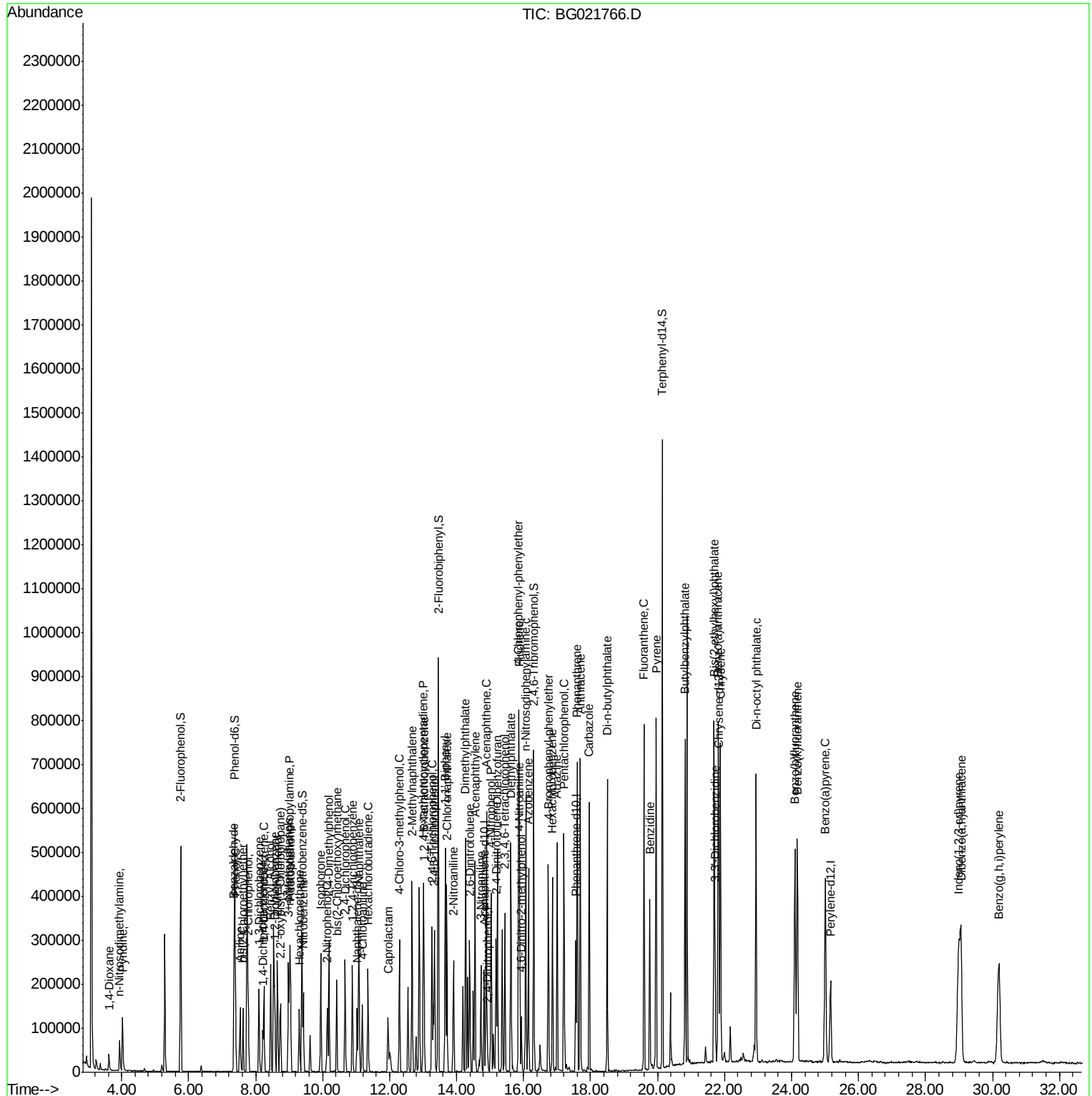
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Operator  : UM/SJ  
Sample    : H2620-03MSD  
Misc      :  
ALS Vial  : 6      Sample Multiplier: 1
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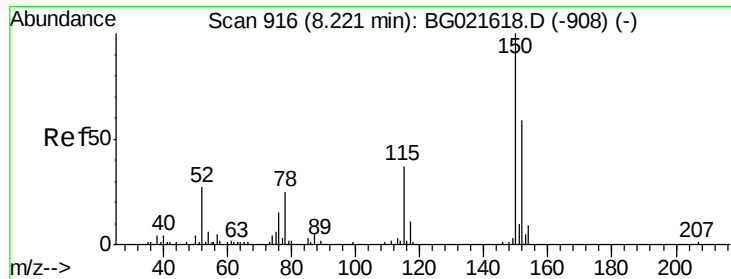
Instrument :
BNA_G
ClientSampleId :
EUT01-TU-B2(9-13)-CMSD

Manual Integrations

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 914

Delta R.T. -0.01 min

Lab File: BG021766.D

Acq: 19 Apr 2016 22:17

Instrument :

BNA_G

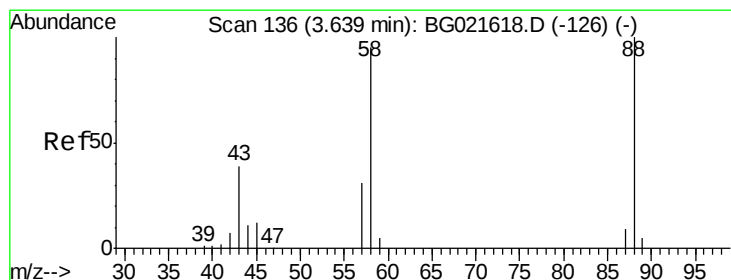
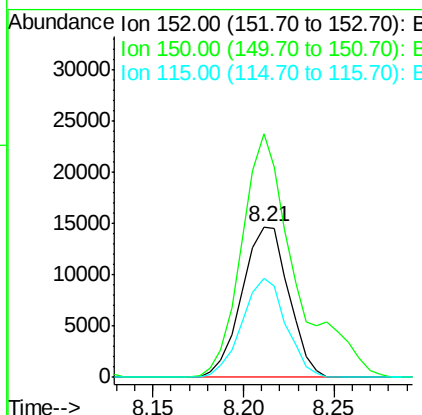
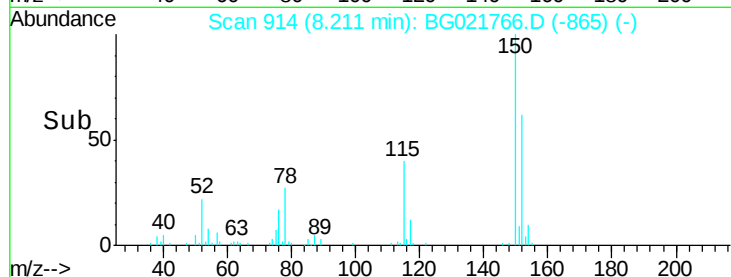
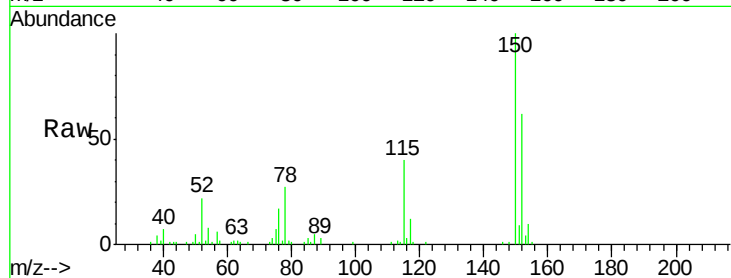
ClientSampleId :

EUT01-TU-B2(9-13)-CMSD

Tot Ion:	152	Resp:	26281
Ion Ratio	Lower	Upper	
152	100		
150	162.1	130.1	195.1
115	65.5	62.2	93.2

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#2

1,4-Dioxane

Concen: 27.90 ng

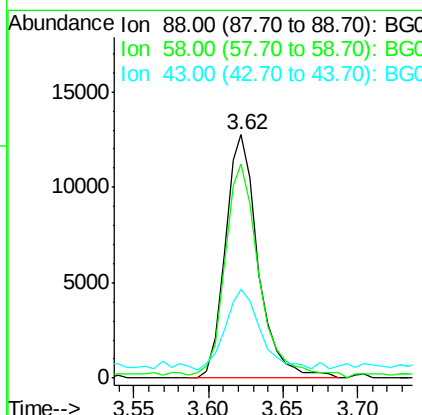
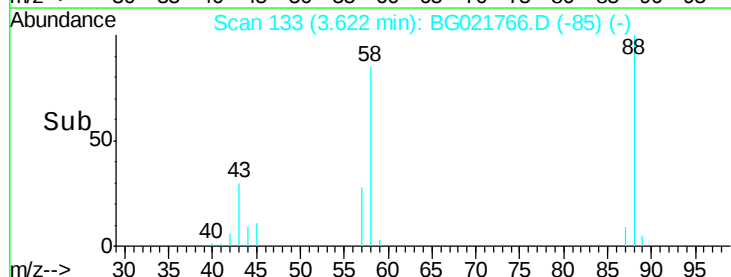
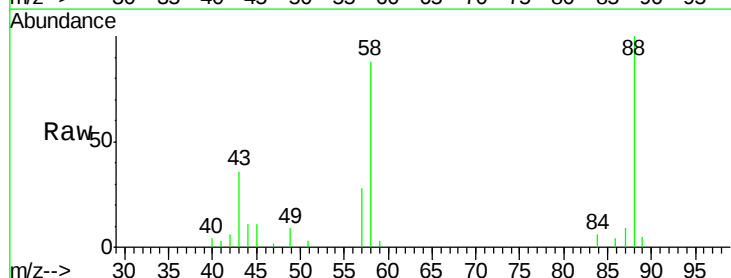
RT: 3.62 min Scan# 133

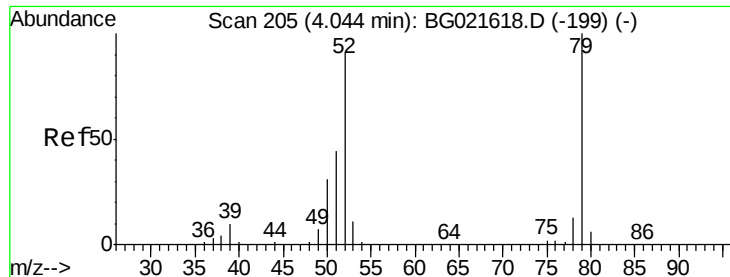
Delta R.T. -0.02 min

Lab File: BG021766.D

Acq: 19 Apr 2016 22:17

Tgt Ion:	88	Resp:	19597
Ion Ratio	Lower	Upper	
88	100		
58	93.6	61.8	92.8#
43	34.8	27.3	40.9





#3

Pvridine

Concen: 31.07 ng

RT: 4.03 min Scan# 202

Delta R.T. -0.02 min

Lab File: BG021766.D

Acq: 19 Apr 2016 22:17

Instrument :

BNA_G

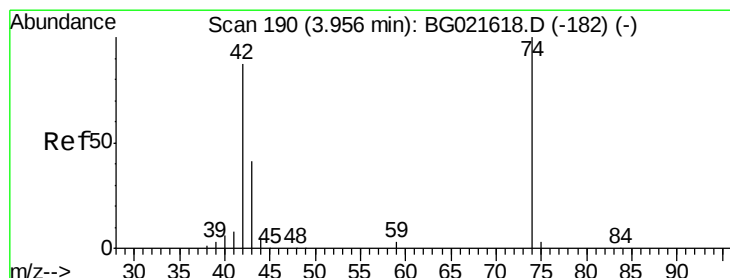
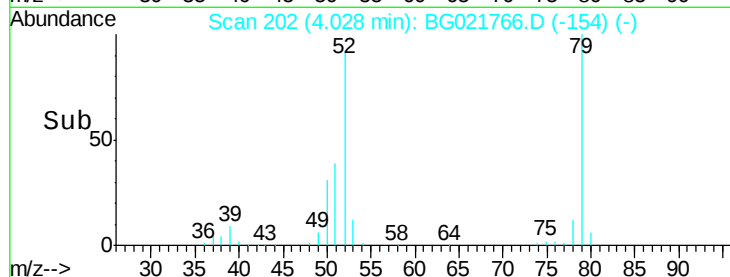
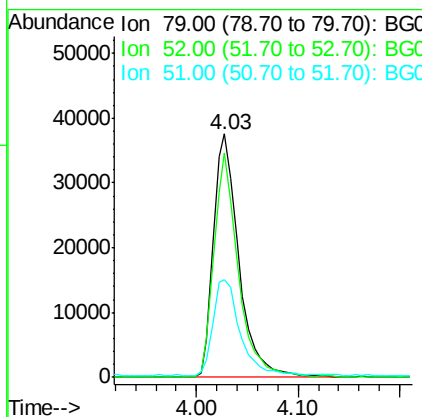
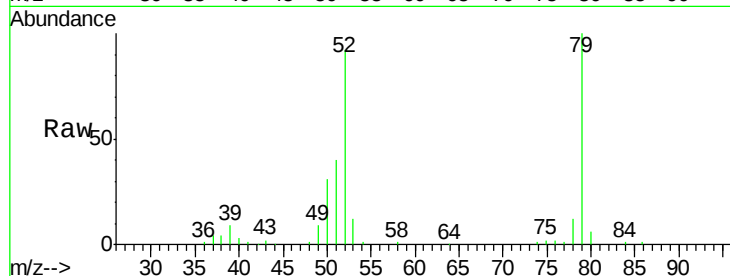
ClientSampleId :

EUT01-TU-B2(9-13)-CMSD

Tot Ion:	79	Resp:	65492
Ion	Ratio	Lower	Upper
79	100		
52	92.1	77.2	115.8
51	39.9	42.5	63.7#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 34.19 ng

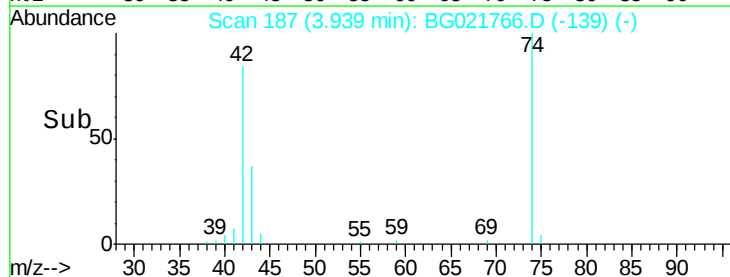
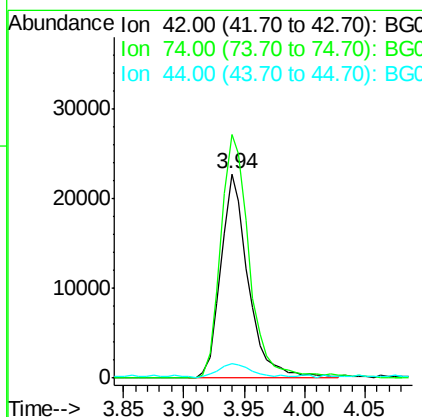
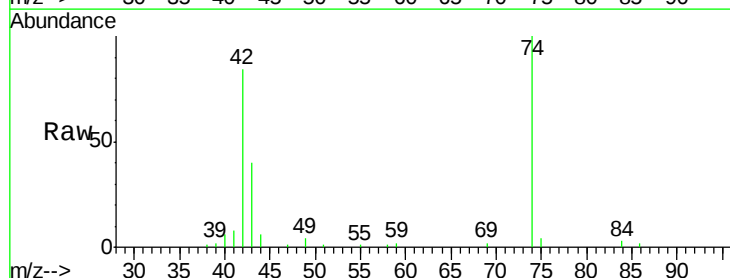
RT: 3.94 min Scan# 187

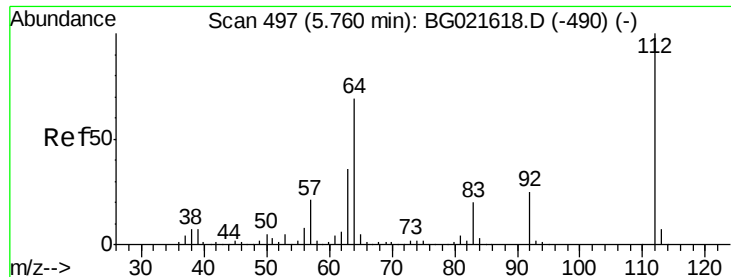
Delta R.T. -0.02 min

Lab File: BG021766.D

Acq: 19 Apr 2016 22:17

Tgt Ion:	42	Resp:	35717
Ion	Ratio	Lower	Upper
42	100		
74	119.3	83.0	124.4
44	7.1	11.0	16.6#





#5

2-Fluorophenol

Concen: 141.10 ng

RT: 5.76 min Scan# 497

Delta R.T. 0.00 min

Lab File: BG021766.D

Acq: 19 Apr 2016 22:17

Instrument :

BNA_G

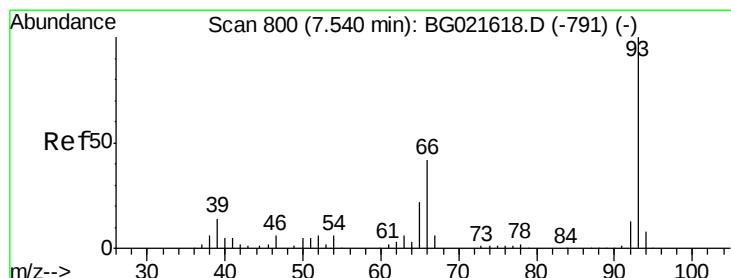
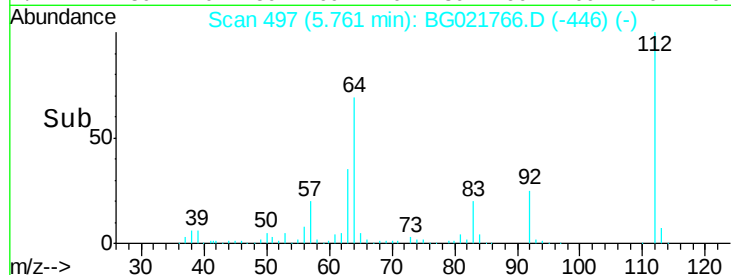
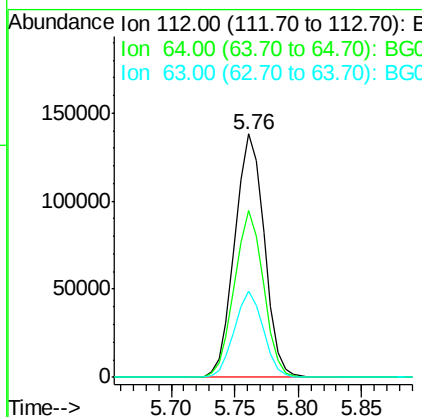
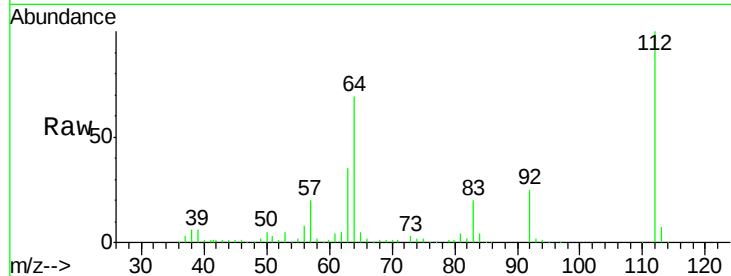
ClientSampleId :

EUT01-TU-B2(9-13)-CMSD

Tot Ion:	112	Resp:	222677
Ion Ratio	Lower	Upper	
112	100		
64	68.7	51.1	76.7
63	35.4	24.6	37.0

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#6

Aniline

Concen: 32.85 ng

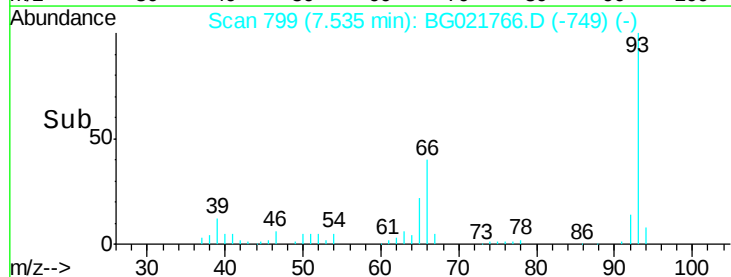
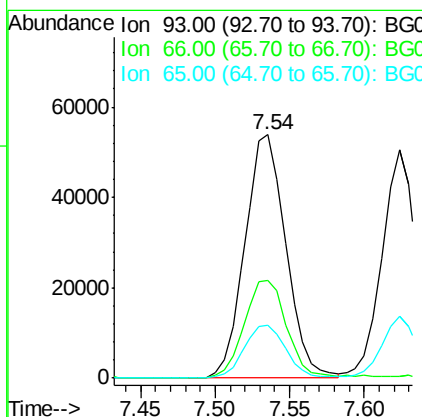
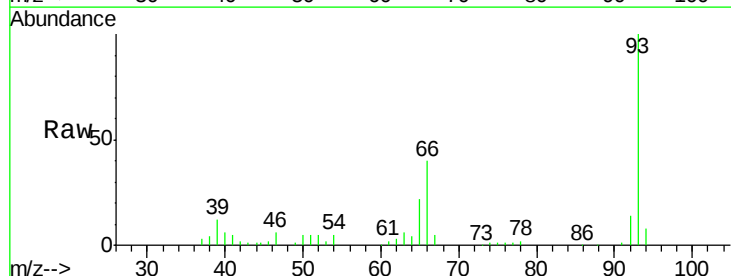
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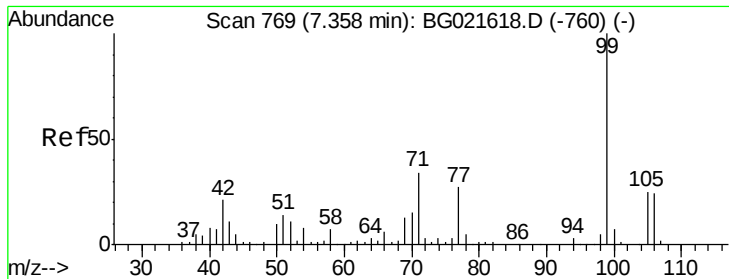
Delta R.T. -0.00 min

Lab File: BG021766.D

Acq: 19 Apr 2016 22:17

Tgt Ion:	93	Resp:	102431
Ion Ratio	Lower	Upper	
93	100		
66	40.3	36.3	54.5
65	21.7	18.4	27.6





#7

Phenol-d6

Concen: 145.19 ng

RT: 7.37 min Scan# 771

Delta R.T. 0.01 min

Lab File: BG021766.D

Acq: 19 Apr 2016 22:17

Instrument :

BNA_G

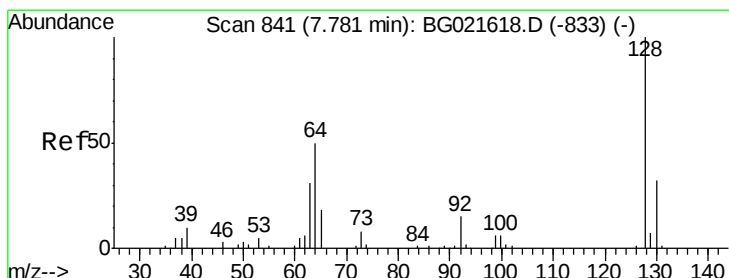
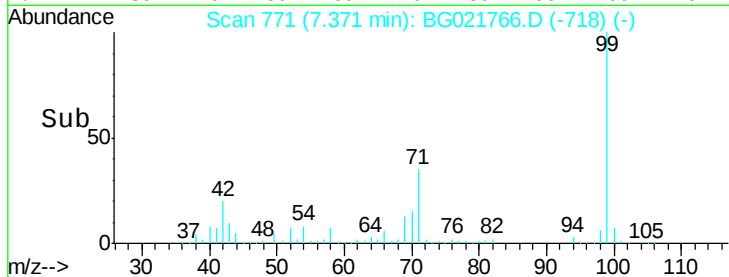
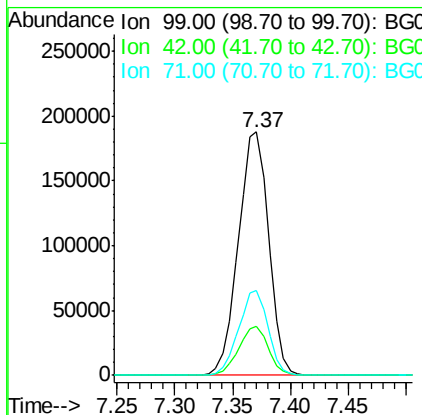
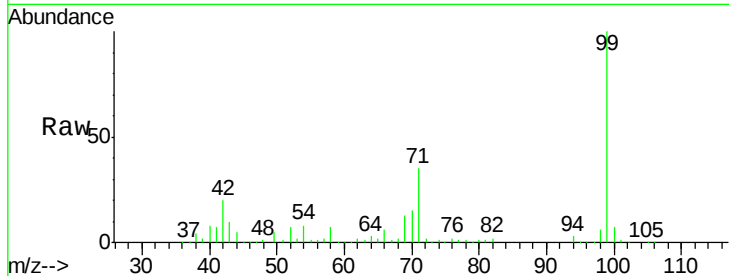
ClientSampleId :

EUT01-TU-B2(9-13)-CMSD

Tot Ion:	99	Resp:	342276
Ion Ratio	Lower	Upper	
99	100		
42	20.1	16.4	24.6
71	34.6	25.0	37.4

Manual Integrations
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#8

2-Chlorophenol

Concen: 45.64 ng

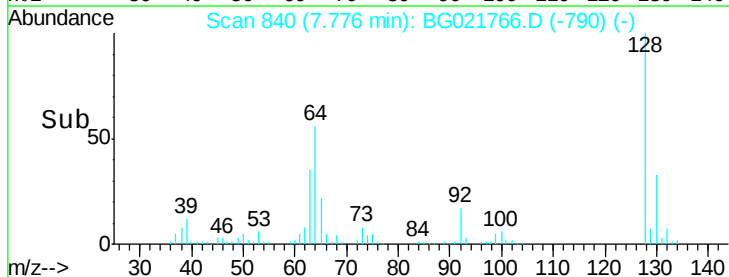
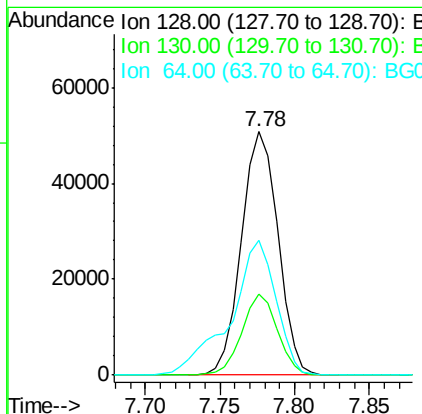
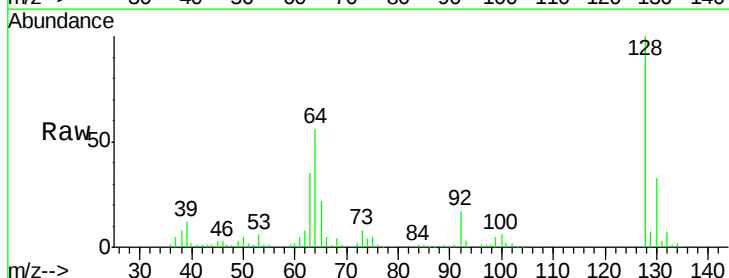
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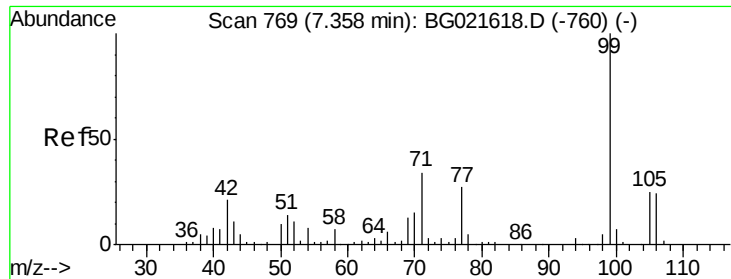
Delta R.T. -0.00 min

Lab File: BG021766.D

Acq: 19 Apr 2016 22:17

Tgt Ion:	128	Resp:	86347
Ion Ratio	Lower	Upper	
128	100		
130	33.4	11.2	51.2
64	55.6	39.8	79.8





#9

Benzaldehyde

Concen: 14.66 ng

RT: 7.35 min Scan# 767

Delta R.T. -0.01 min

Lab File: BG021766.D

Acq: 19 Apr 2016 22:17

Instrument :

BNA_G

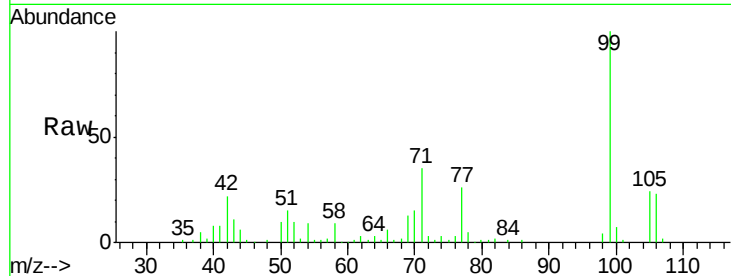
ClientSampleId :

EUT01-TU-B2(9-13)-CMSD

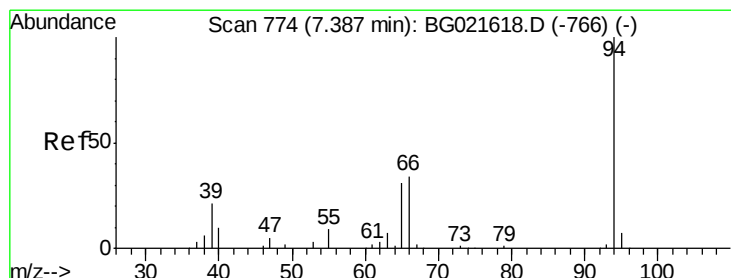
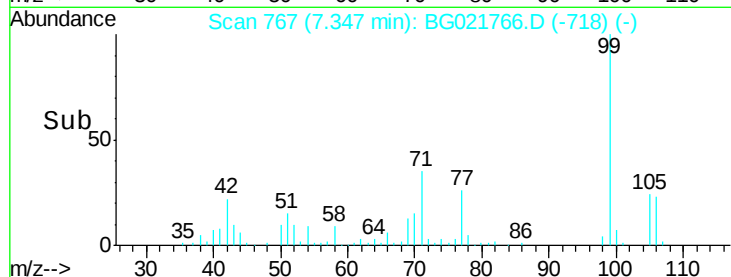
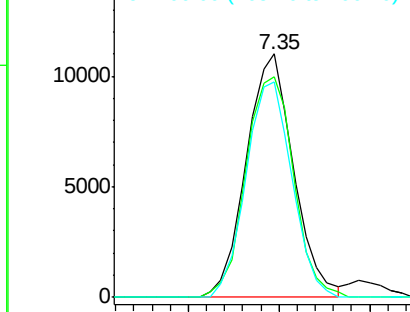
Tot Ion:	77	Resp:	19980
Ion Ratio	Lower	Upper	
77	100		
105	90.8	62.1	102.1
106	88.3	65.6	105.6

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 47.63 ng

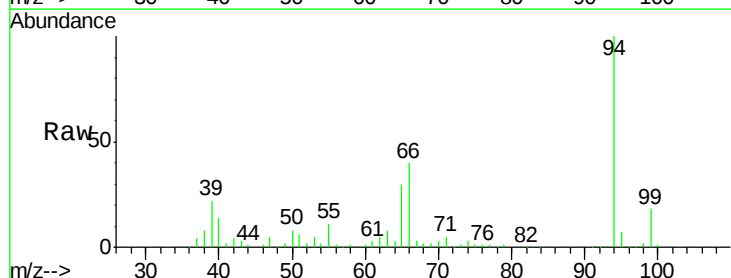
RT: 7.39 min Scan# 775

Delta R.T. 0.01 min

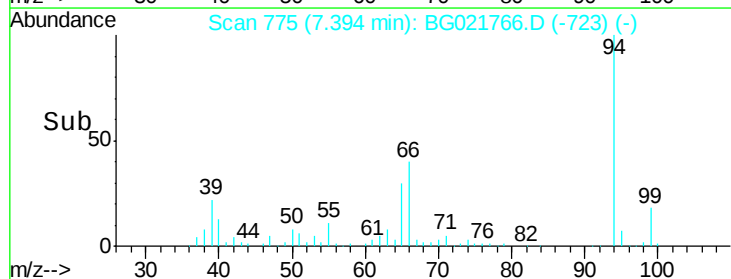
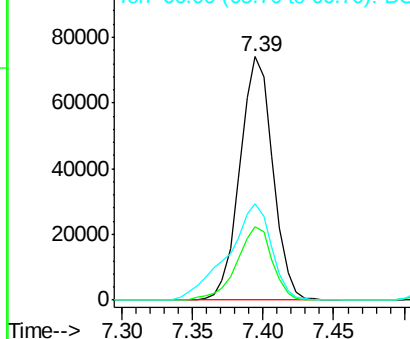
Lab File: BG021766.D

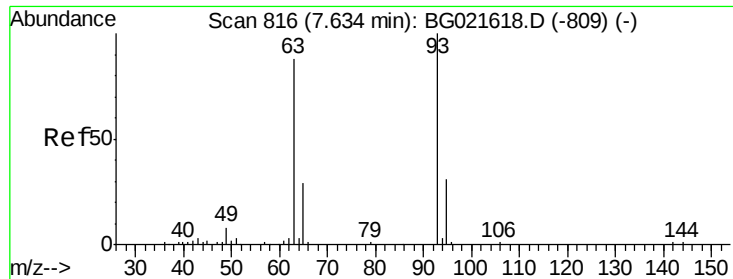
Acq: 19 Apr 2016 22:17

Tgt Ion:	94	Resp:	120759
Ion Ratio	Lower	Upper	
94	100		
65	30.0	9.8	49.8
66	39.5	20.8	60.8



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 39.65 ng

RT: 7.62 min Scan# 814

Delta R.T. -0.01 min

Lab File: BG021766.D

Acq: 19 Apr 2016 22:17

Instrument :

BNA_G

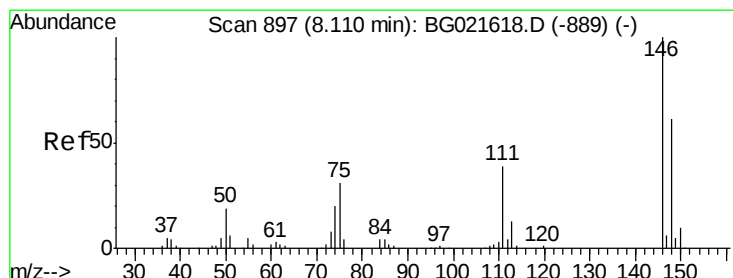
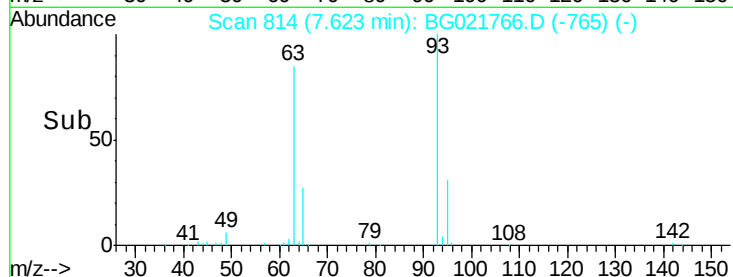
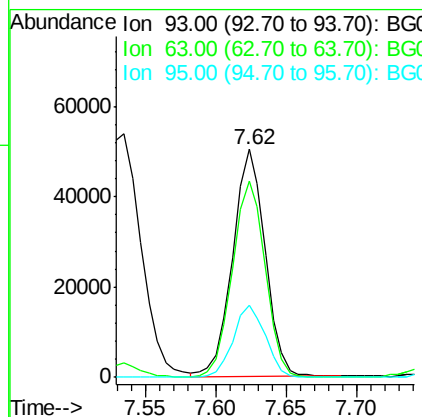
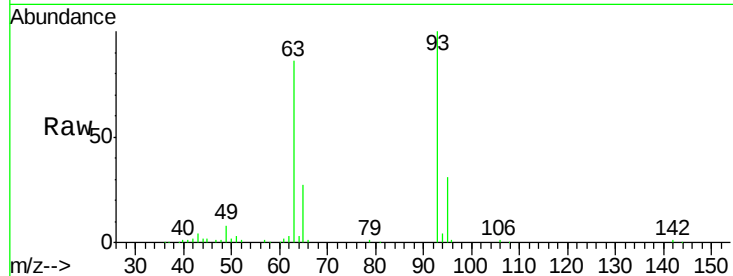
ClientSampleId :

EUT01-TU-B2(9-13)-CMSD

Tot Ion:	93	Resp:	80462
Ion Ratio	Lower	Upper	
93	100		
63	86.0	74.9	114.9
95	31.5	8.3	48.3

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#12

1,3-Dichlorobenzene

Concen: 38.23 ng

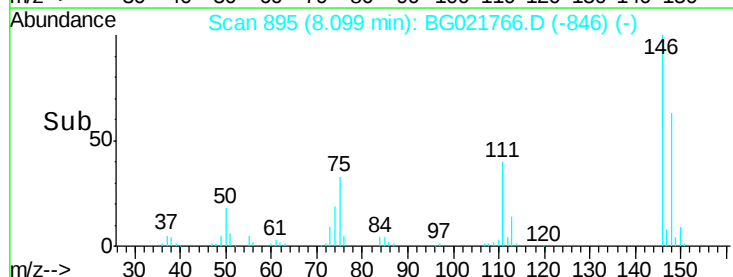
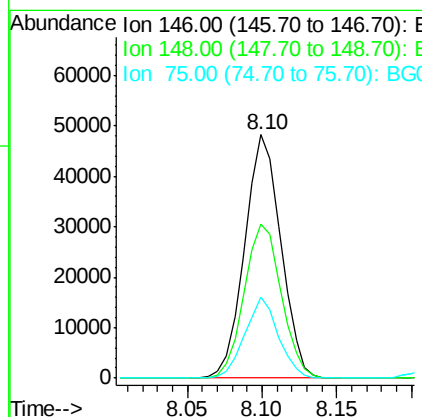
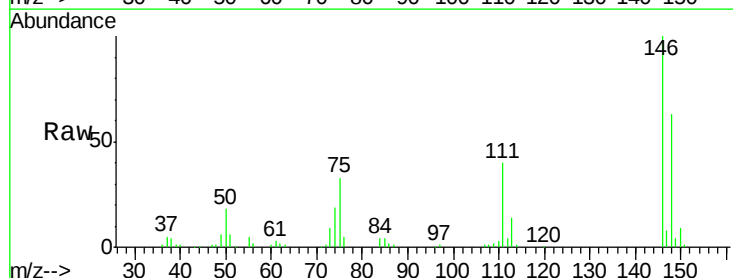
RT: 8.10 min Scan# 895

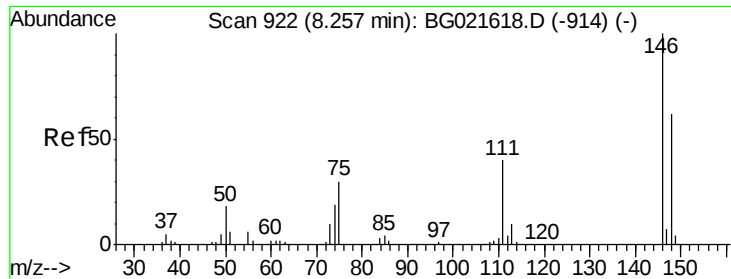
Delta R.T. -0.01 min

Lab File: BG021766.D

Acq: 19 Apr 2016 22:17

Tgt Ion:	146	Resp:	80784
Ion Ratio	Lower	Upper	
146	100		
148	63.4	53.7	80.5
75	33.0	27.4	41.0





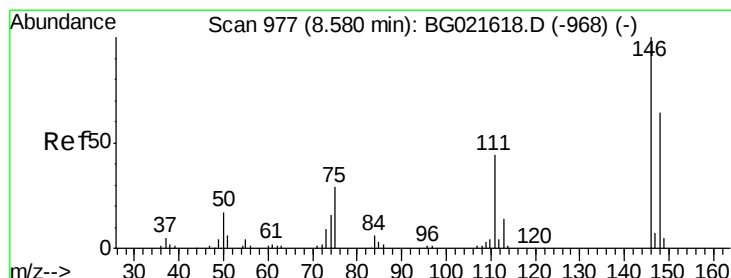
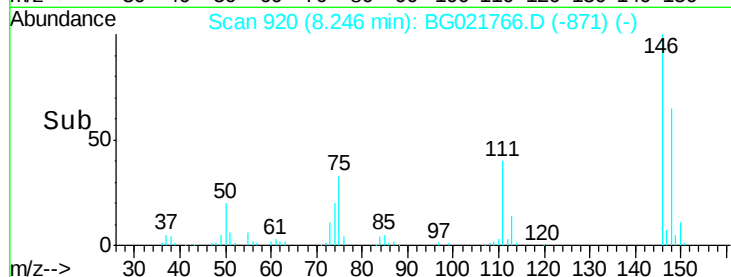
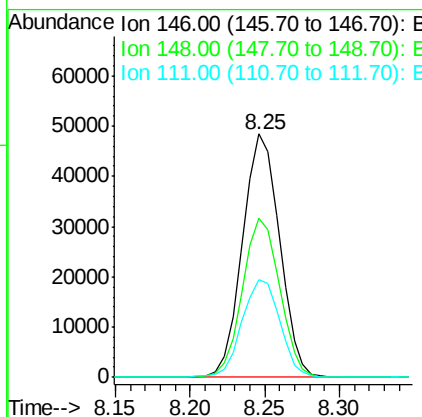
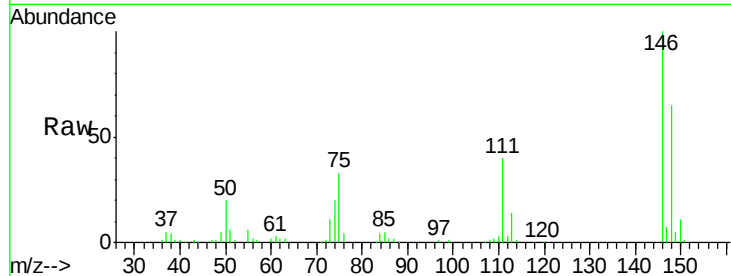
#13
 1,4-Dichlorobenzene
 Concen: 38.69 ng
 RT: 8.25 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: BG021766.D
 Acq: 19 Apr 2016 22:17

Instrument :
 BNA_G
 ClientSampleId :
 EUT01-TU-B2(9-13)-CMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	46.7	70.1
111	40.2	33.0	49.6

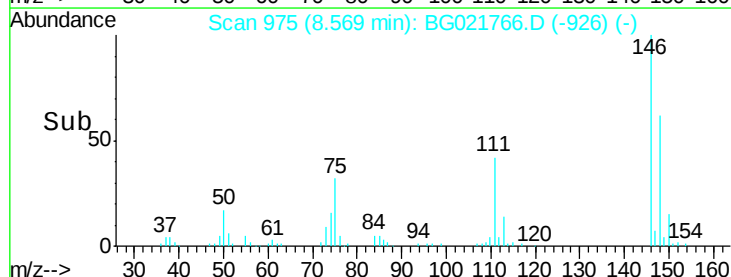
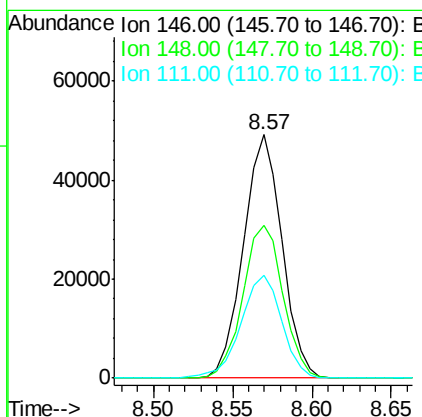
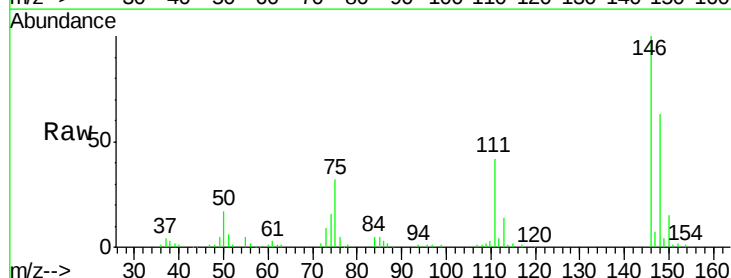
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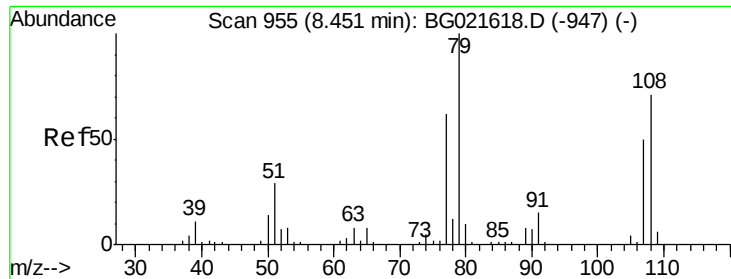
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#14
 1,2-Dichlorobenzene
 Concen: 40.33 ng
 RT: 8.57 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: BG021766.D
 Acq: 19 Apr 2016 22:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	52.6	79.0
111	42.2	36.1	54.1





#15

Benzyl Alcohol

Concen: 47.78 ng

RT: 8.45 min Scan# 954

Delta R.T. -0.00 min

Lab File: BG021766.D

Acq: 19 Apr 2016 22:17

Instrument :

BNA_G

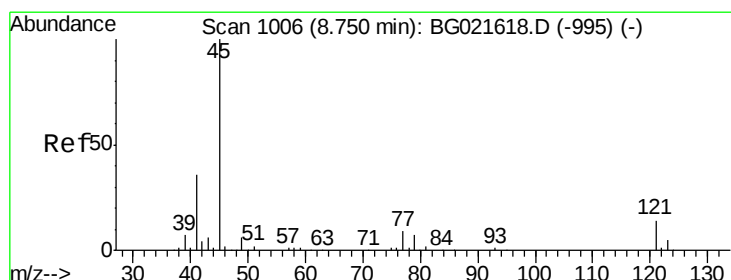
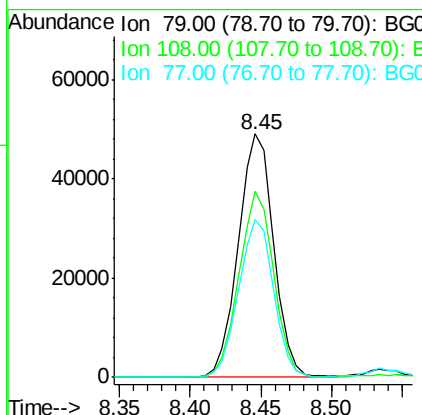
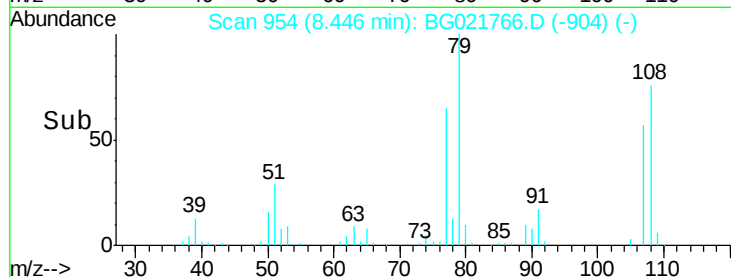
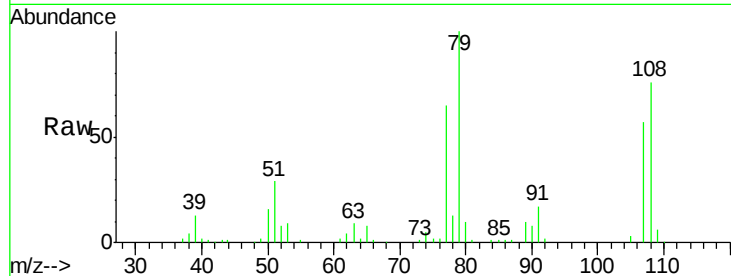
ClientSampleId :

EUT01-TU-B2(9-13)-CMSD

Tot Ion:	79	Resp:	86086
Ion	Ratio	Lower	Upper
79	100		
108	76.5	59.4	89.0
77	65.1	52.2	78.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.87 ng

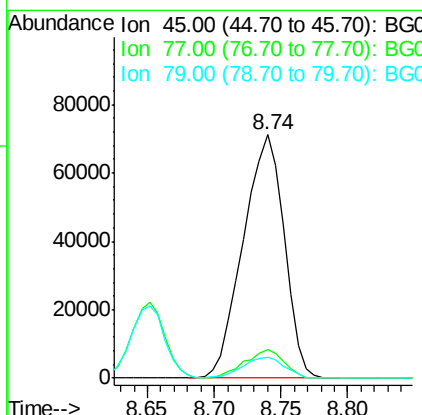
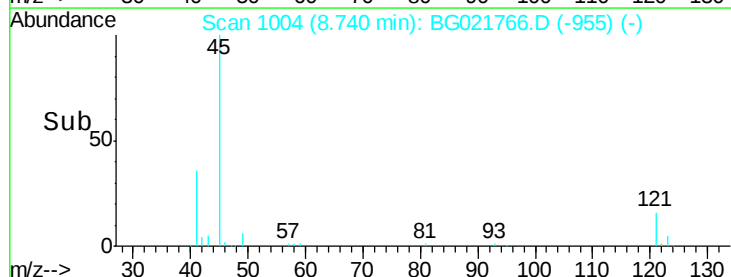
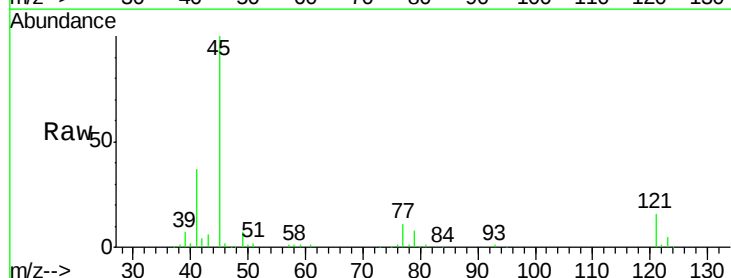
RT: 8.74 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BG021766.D

Acq: 19 Apr 2016 22:17

Tgt Ion:	45	Resp:	151565
Ion	Ratio	Lower	Upper
45	100		
77	11.5	0.0	31.2
79	8.3	0.0	29.0





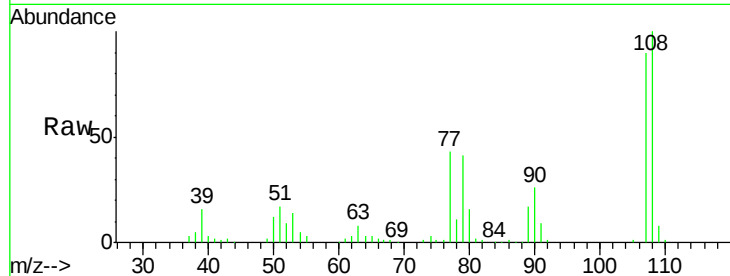
#17
2-Methylphenol
Concen: 47.56 ng
RT: 8.65 min Scan# 989
Delta R.T. 0.01 min
Lab File: BG021766.D
Acq: 19 Apr 2016 22:17

Instrument :
BNA_G
ClientSampleId :
EUT01-TU-B2(9-13)-CMSD

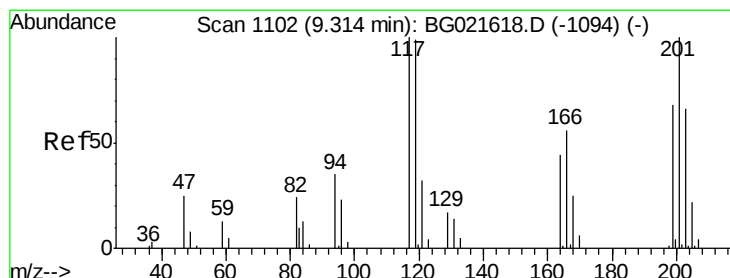
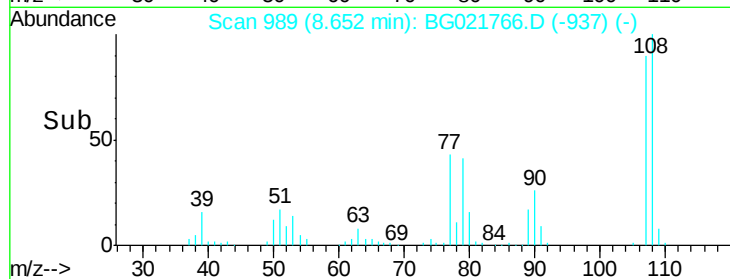
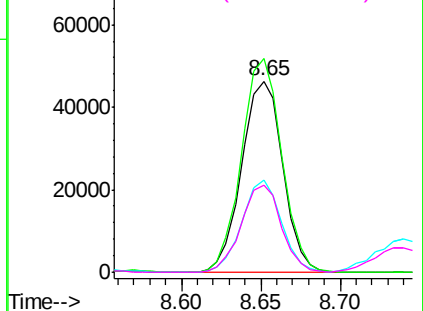
Tot Ion	107	Resp	83376
Ion Ratio	Lower	Upper	
107	100		
108	111.7	80.2	120.4
77	48.0	40.7	61.1
79	45.8	39.8	59.8

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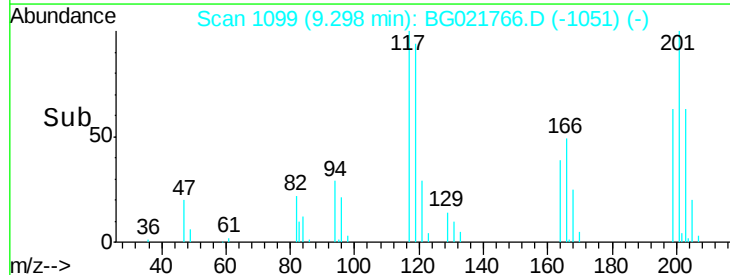
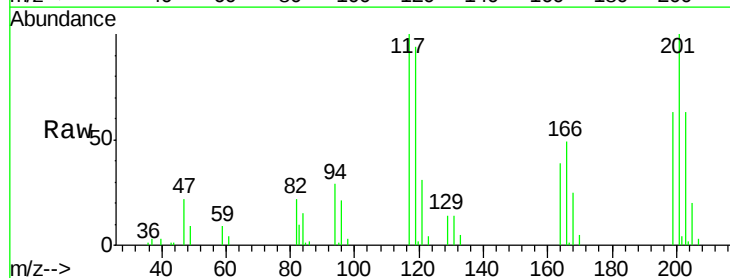
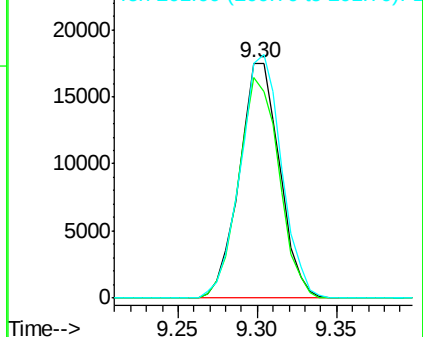
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

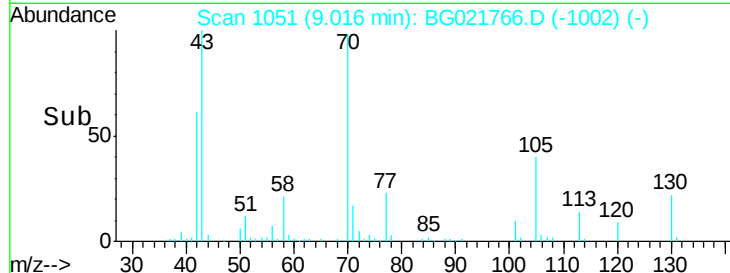
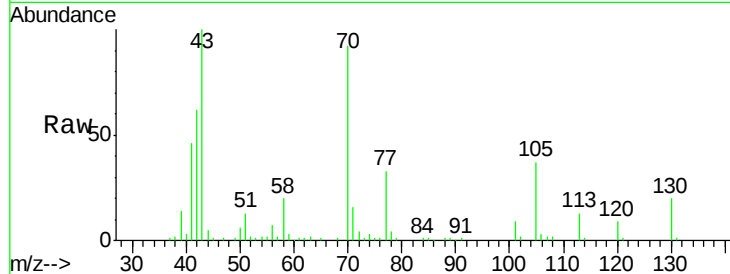
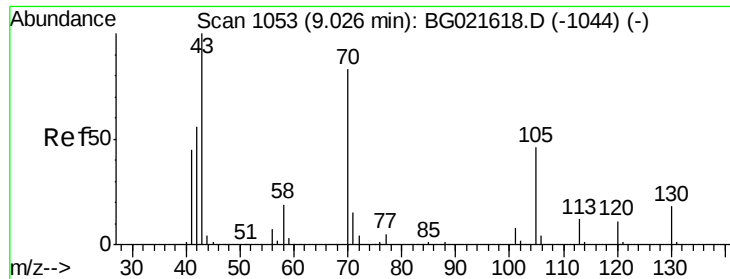


#18
Hexachloroethane
Concen: 39.56 ng
RT: 9.30 min Scan# 1099
Delta R.T. -0.02 min
Lab File: BG021766.D
Acq: 19 Apr 2016 22:17

Tgt Ion	117	Resp	30972
Ion Ratio	Lower	Upper	
117	100		
119	94.1	63.9	95.9
201	100.1	61.2	91.8#

Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





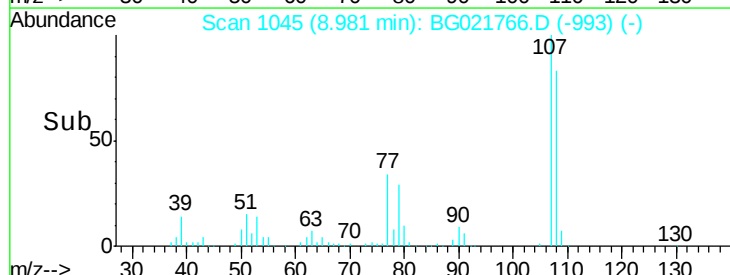
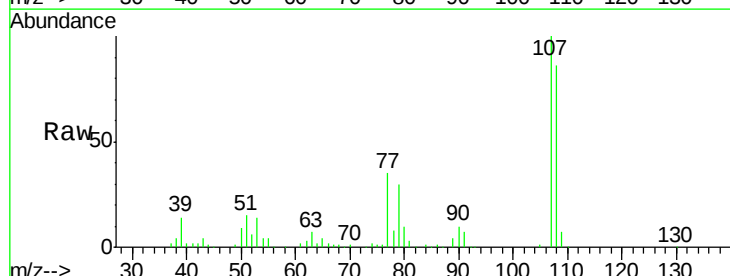
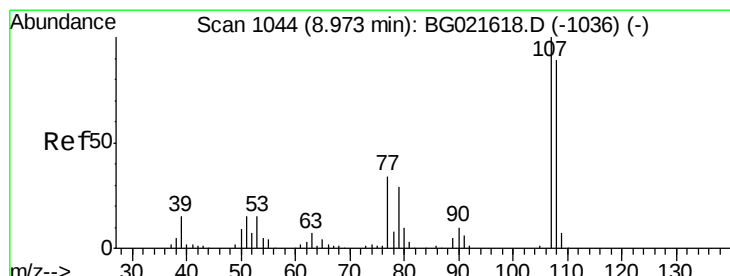
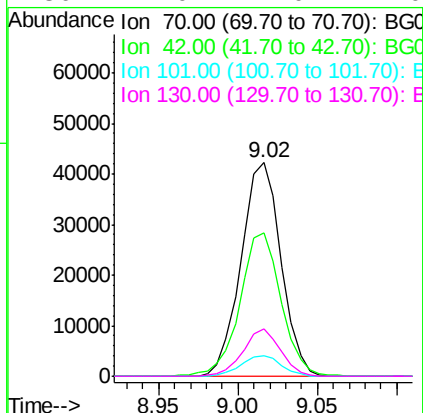
#19
n-Nitroso-di-n-propylamine
Concen: 40.32 ng
RT: 9.02 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BG021766.D
Acq: 19 Apr 2016 22:17

Instrument :
BNA_G
ClientSampleId :
EUT01-TU-B2(9-13)-CMSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	67.2	56.7	85.1	
101	9.7	8.2	12.4	
130	22.0	14.0	21.0	

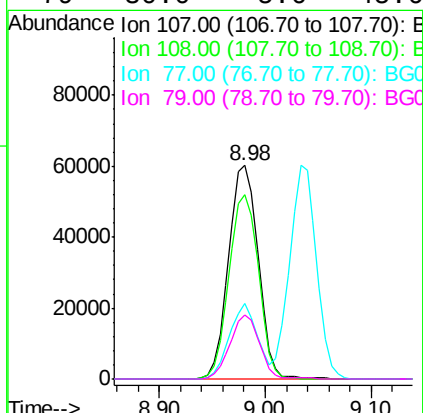
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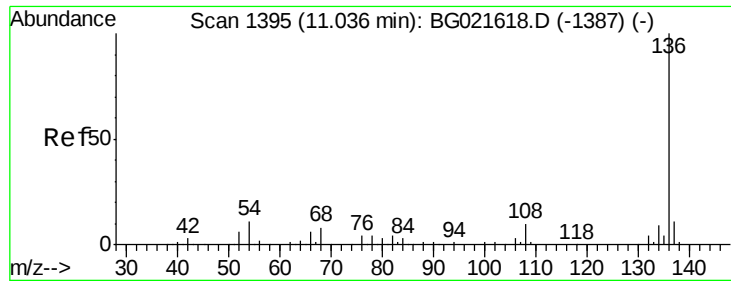
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#20
3+4-Methylphenols
Concen: 48.62 ng
RT: 8.98 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BG021766.D
Acq: 19 Apr 2016 22:17

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.3	66.2	106.2	
77	35.4	11.5	51.5	
79	30.0	5.6	45.6	





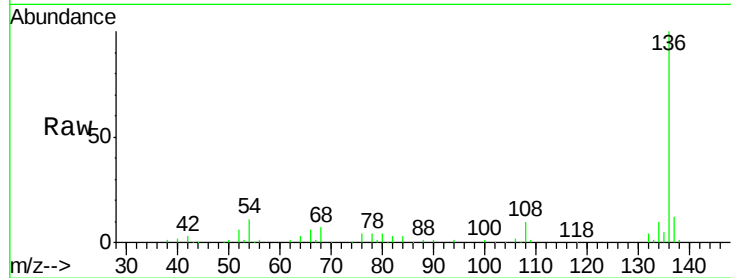
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG021766.D
Acq: 19 Apr 2016 22:17

Instrument :
BNA_G
ClientSampleId :
EUT01-TU-B2(9-13)-CMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.6		9.0	13.4	
54	11.5		9.6	14.4	
68	7.4		6.4	9.6	

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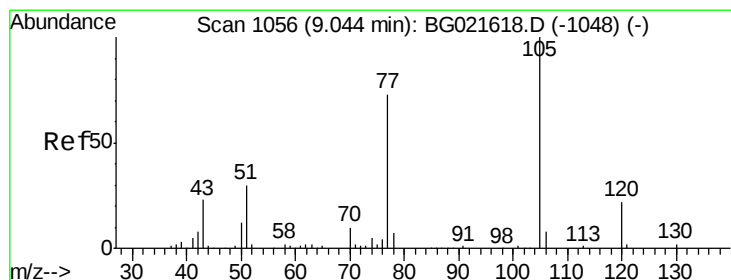
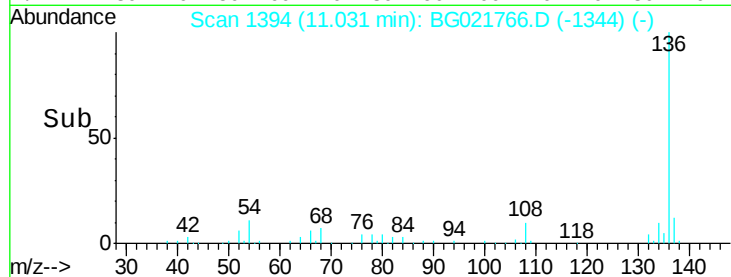
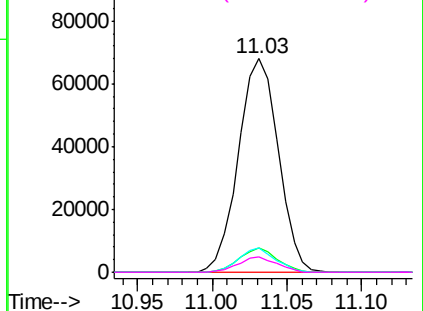
Abundance

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): BG

Ion 68.00 (67.70 to 68.70): BG



#22
Acetophenone
Concen: 38.86 ng
RT: 9.04 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BG021766.D
Acq: 19 Apr 2016 22:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	0.6		0.0	0.0#	
51	29.6		25.7	38.5	
120	23.0		17.0	25.6	

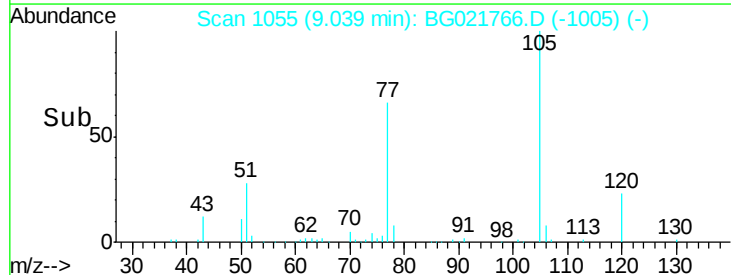
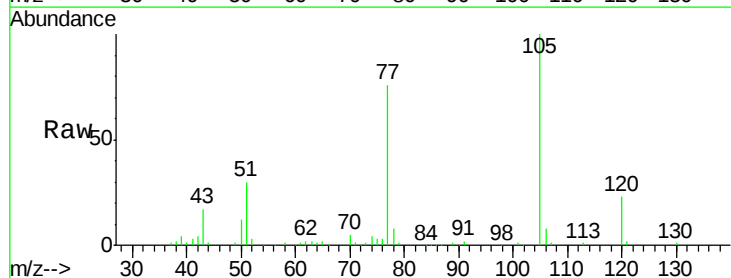
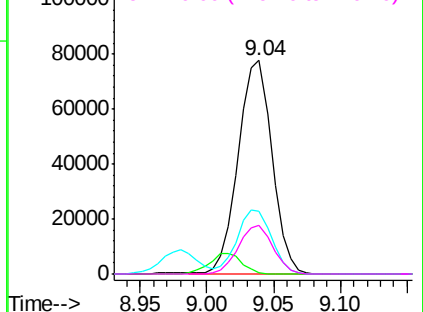
Abundance

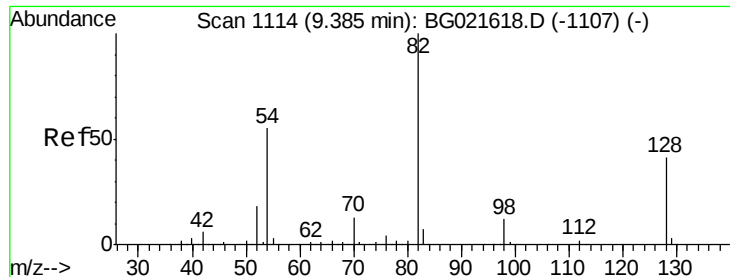
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E





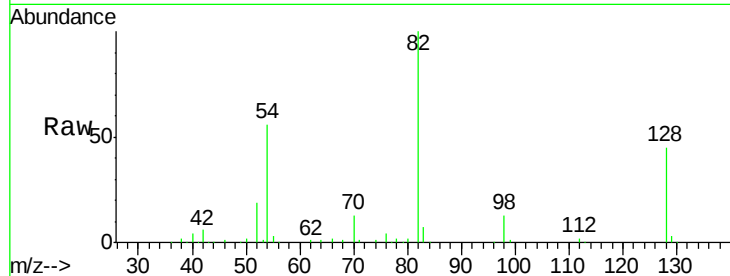
#23
Nitrobenzene-d5
Concen: 83.53 ng
RT: 9.38 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BG021766.D
Acq: 19 Apr 2016 22:17

Instrument :
BNA_G
ClientSampleId :
EUT01-TU-B2(9-13)-CMSD

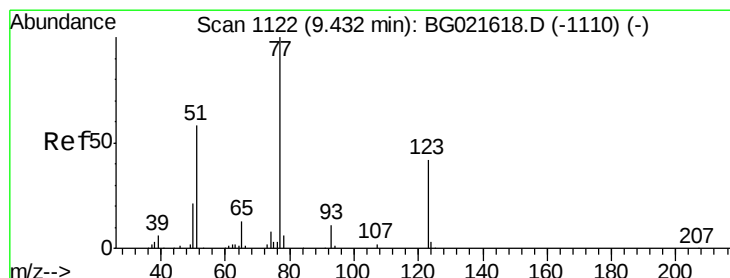
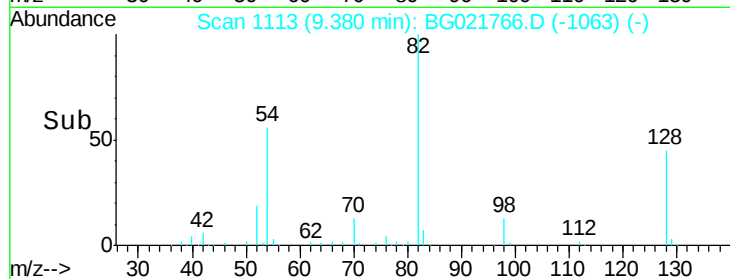
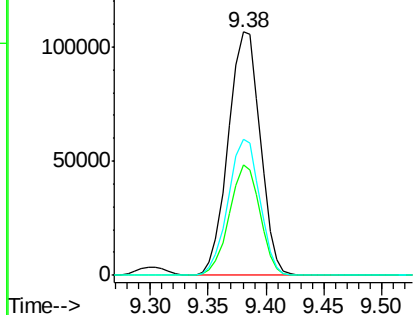
Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	45.3	33.4	50.0
54	55.9	46.1	69.1

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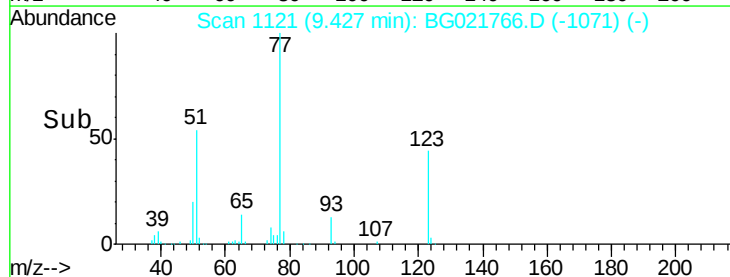
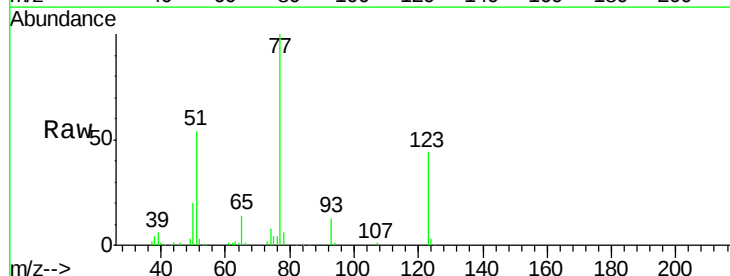
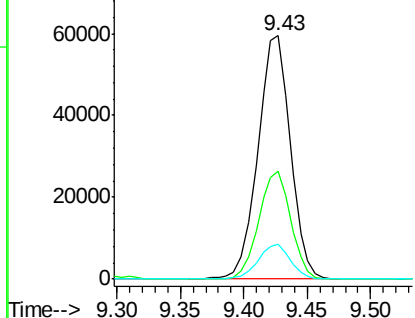
Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

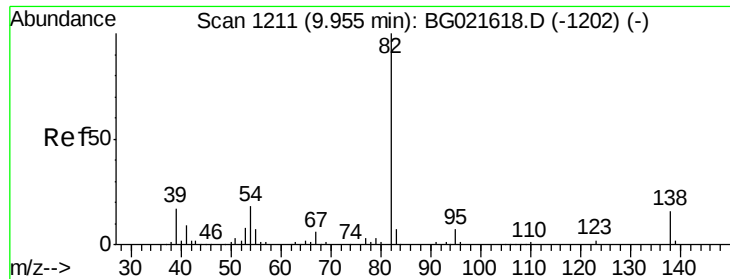


#24
Nitrobenzene
Concen: 40.48 ng
RT: 9.43 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BG021766.D
Acq: 19 Apr 2016 22:17

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	44.2	32.2	48.4
65	14.3	10.3	15.5

Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





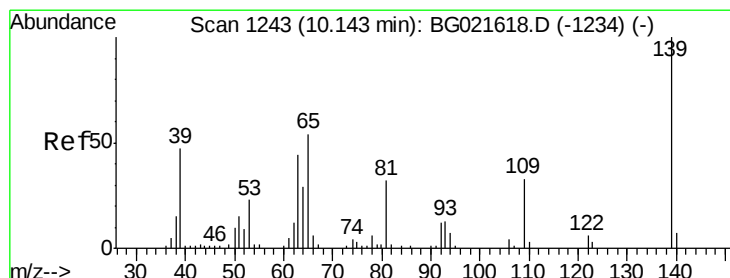
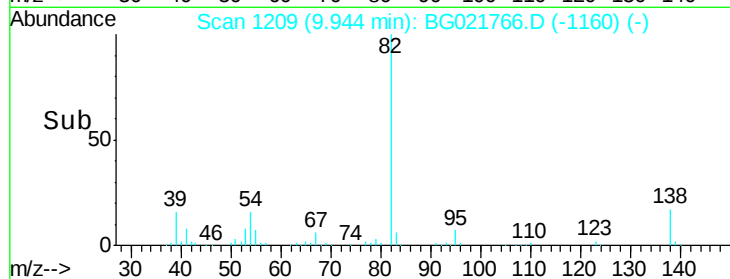
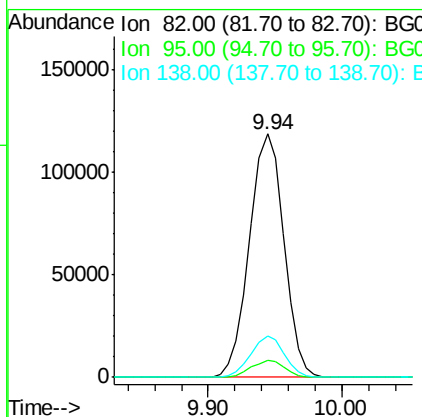
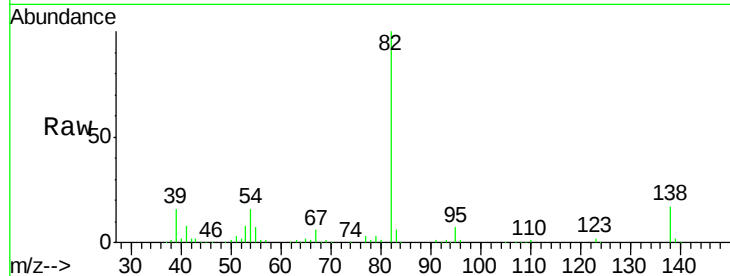
#25
Isophorone
Concen: 39.40 ng
RT: 9.94 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BG021766.D
Acq: 19 Apr 2016 22:17

Instrument :
BNA_G
ClientSampleId :
EUT01-TU-B2(9-13)-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	211484		
95	7.1	6.0	9.0	
138	17.0	13.4	20.0	

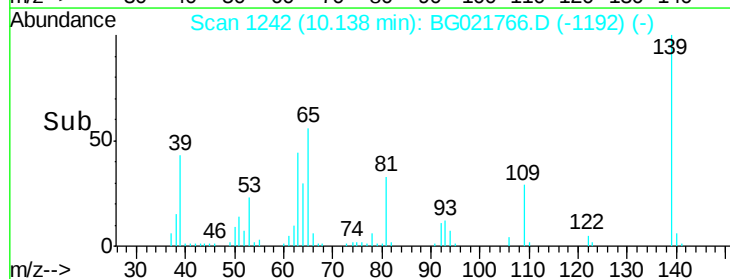
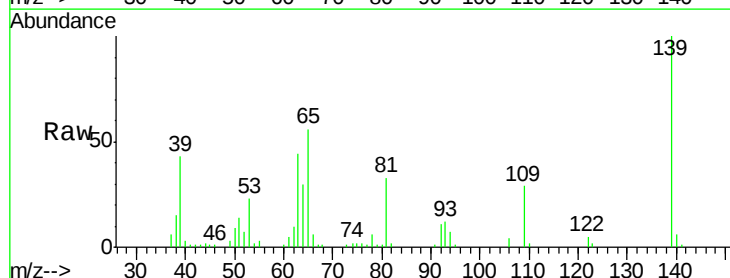
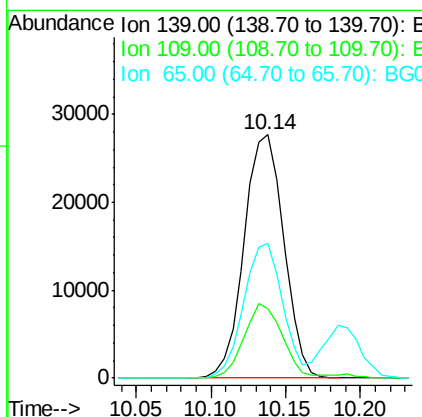
Manual Integrations
APPROVED

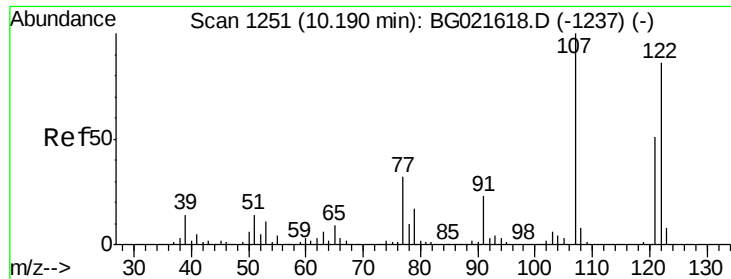
Sohil
4/20/2016 1:38:45 PM



#26
2-Nitrophenol
Concen: 50.81 ng
RT: 10.14 min Scan# 1242
Delta R.T. -0.00 min
Lab File: BG021766.D
Acq: 19 Apr 2016 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	50936		
109	28.8	26.6	40.0	
65	55.6	45.3	67.9	





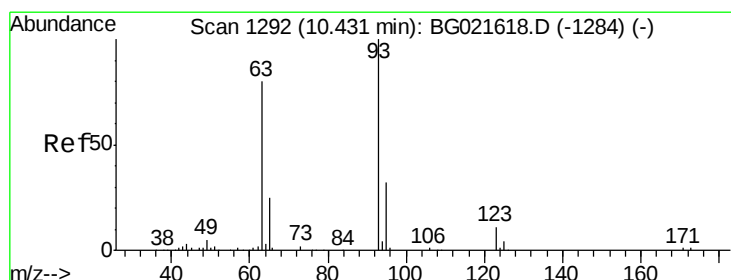
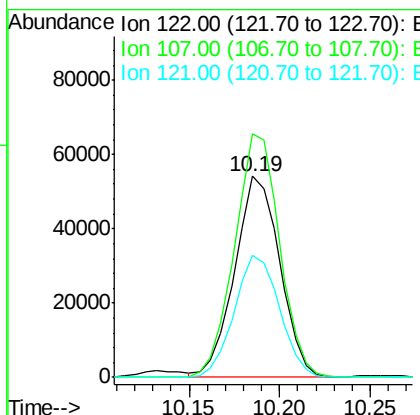
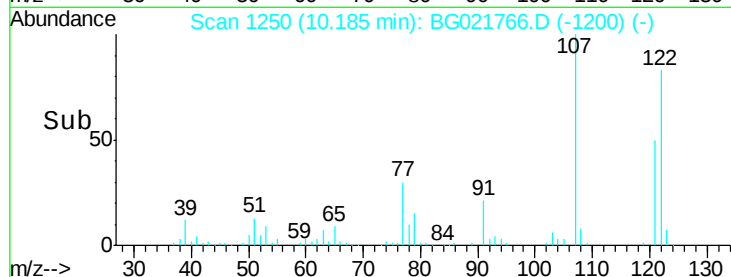
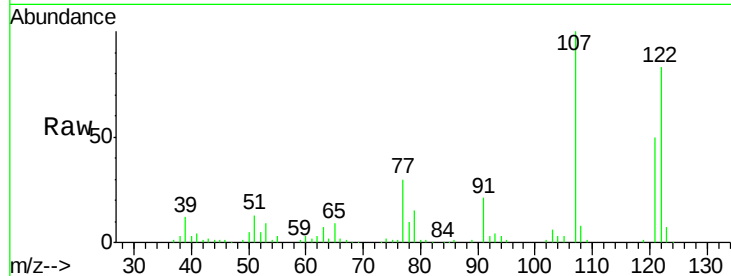
#27
 2,4-Dimethylphenol
 Concen: 40.95 ng
 RT: 10.19 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: BG021766.D
 Acq: 19 Apr 2016 22:17

Instrument :
 BNA_G
 ClientSampleId :
 EUT01-TU-B2(9-13)-CMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	121.1	97.2	145.8		
121	60.4	49.0	73.4		

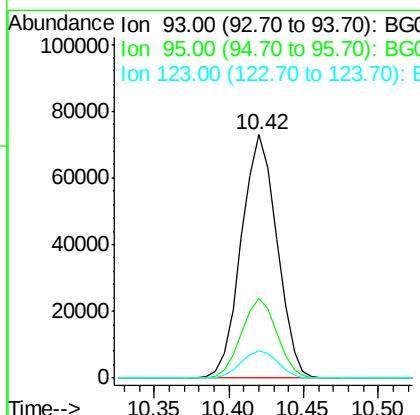
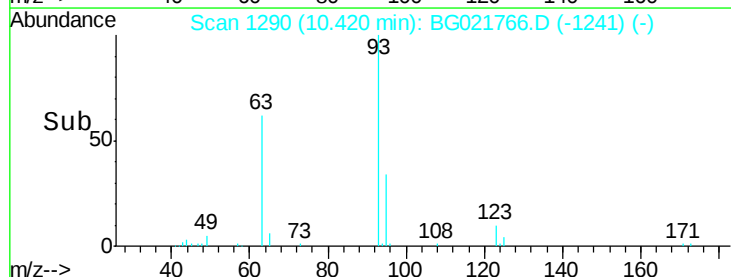
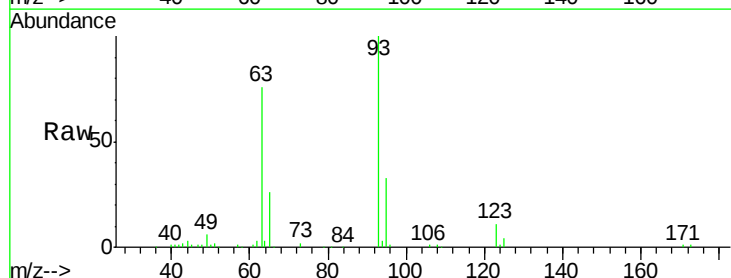
Manual Integrations
 APPROVED

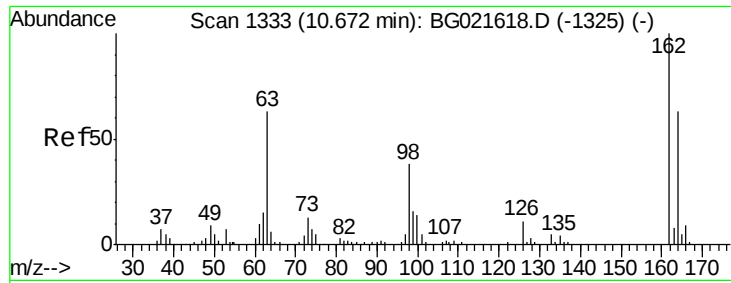
Sohil
 4/20/2016 1:38:45 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.39 ng
 RT: 10.42 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BG021766.D
 Acq: 19 Apr 2016 22:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	33.0	30.1	45.1		
123	11.0	10.2	15.4		





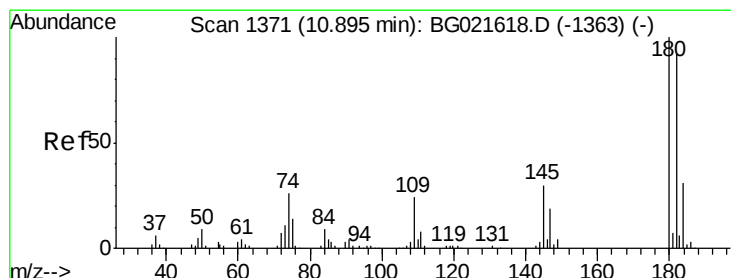
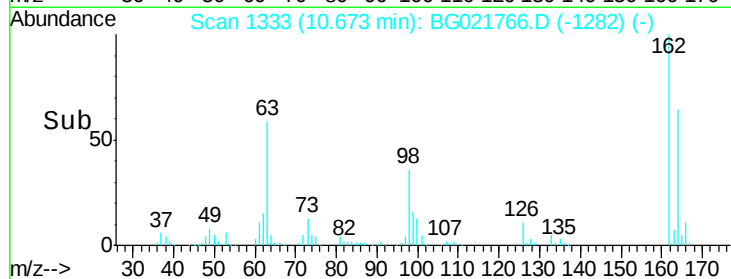
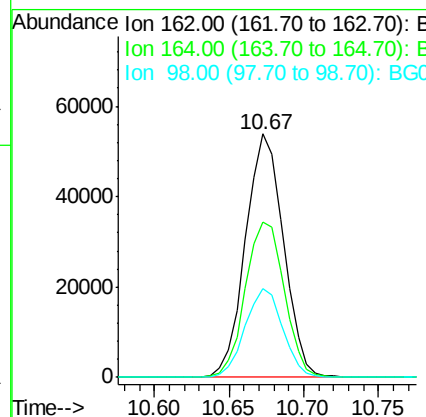
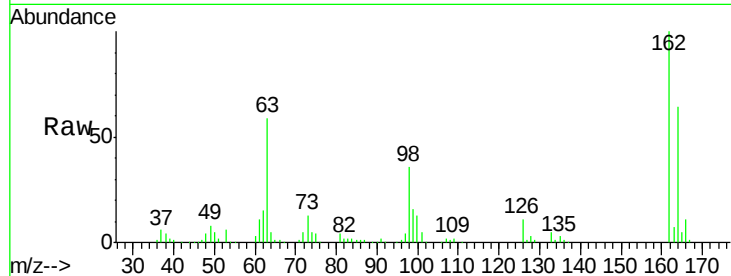
#29
 2,4-Dichlorophenol
 Concen: 48.90 ng
 RT: 10.67 min Scan# 1333
 Delta R.T. 0.00 min
 Lab File: BG021766.D
 Acq: 19 Apr 2016 22:17

Instrument :
 BNA_G
 ClientSampleId :
 EUT01-TU-B2(9-13)-CMSD

Tot Ion:	162	Resp:	94941
Ion Ratio	Lower	Upper	
162	100		
164	63.7	44.9	84.9
98	36.4	19.2	59.2

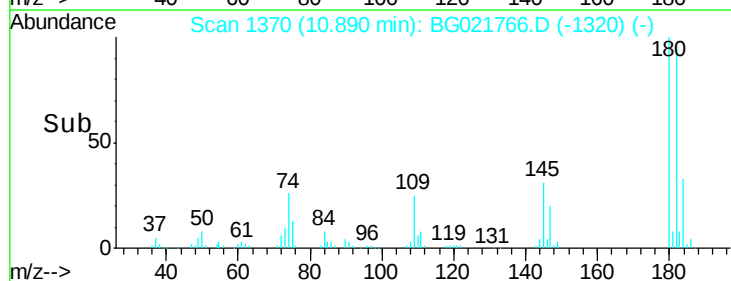
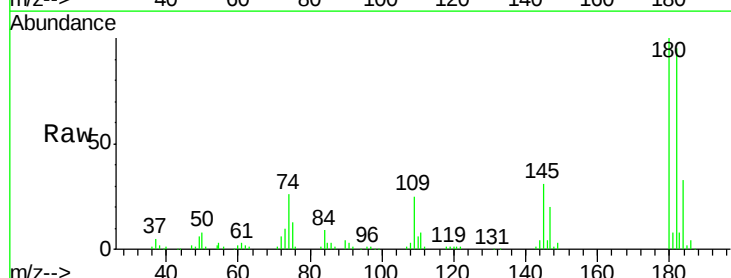
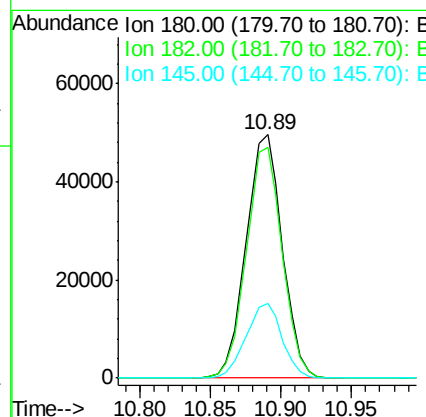
Manual Integrations
 APPROVED

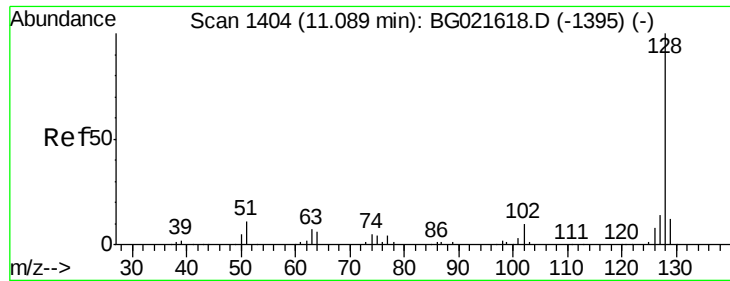
Sohil
 4/20/2016 1:38:45 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 42.74 ng
 RT: 10.89 min Scan# 1370
 Delta R.T. -0.00 min
 Lab File: BG021766.D
 Acq: 19 Apr 2016 22:17

Tgt Ion:	180	Resp:	89239
Ion Ratio	Lower	Upper	
180	100		
182	94.9	82.3	123.5
145	30.7	24.4	36.6





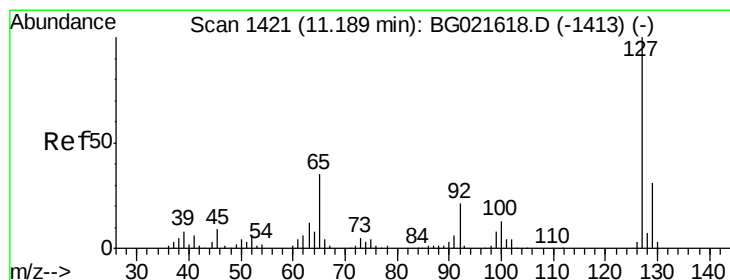
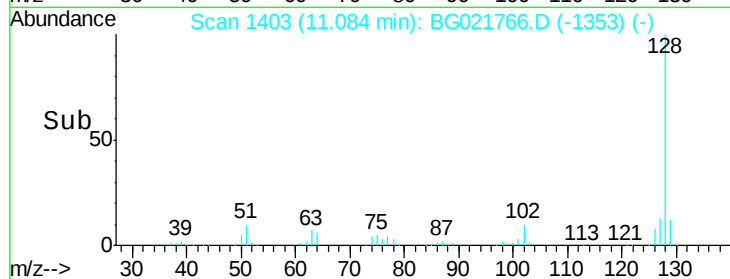
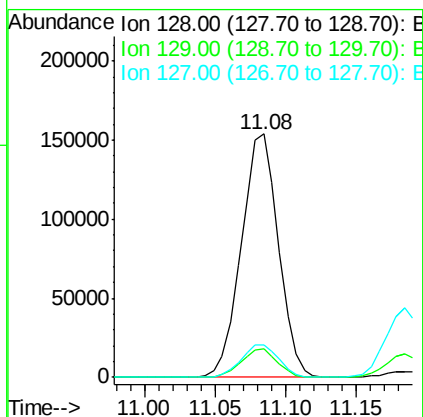
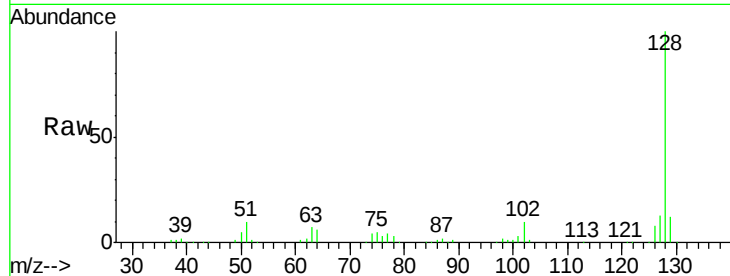
#31
Naphthalene
Concen: 41.90 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BG021766.D
Acq: 19 Apr 2016 22:17

Instrument :
BNA_G
ClientSampleId :
EUT01-TU-B2(9-13)-CMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	7.0	10.6#
127	13.4	10.1	15.1

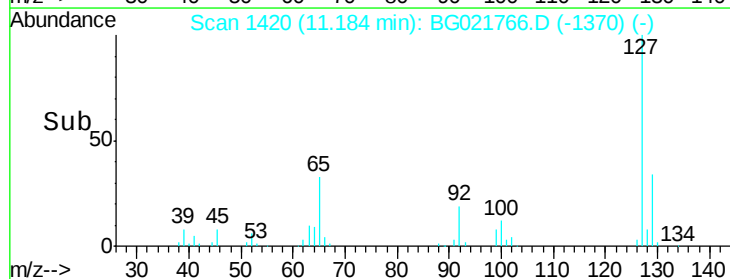
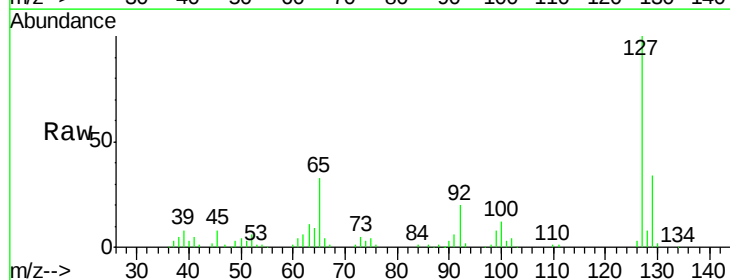
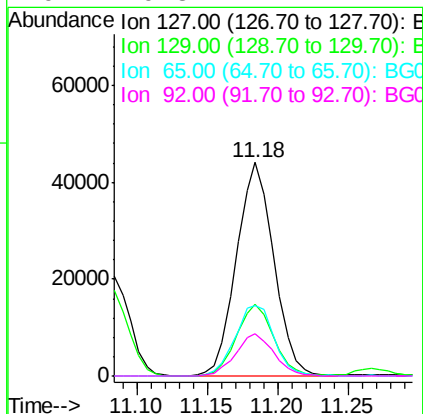
Manual Integrations
APPROVED

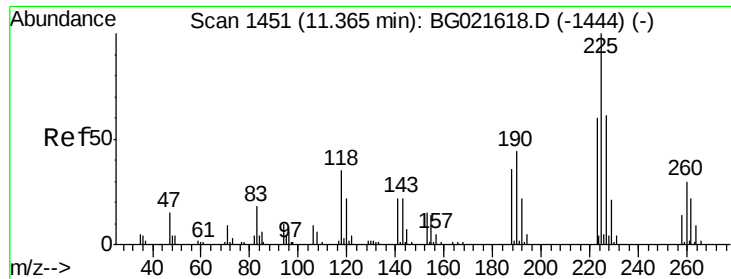
Sohil
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#33
4-Chloroaniline
Concen: 28.04 ng
RT: 11.18 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BG021766.D
Acq: 19 Apr 2016 22:17

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.9	26.6	39.8
65	33.1	27.5	41.3
92	19.8	14.7	22.1





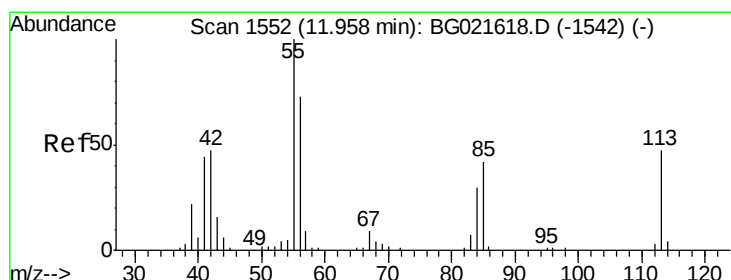
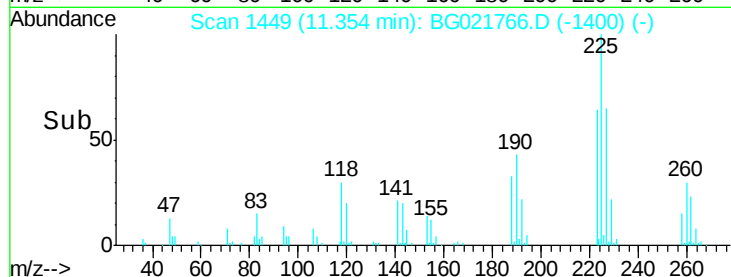
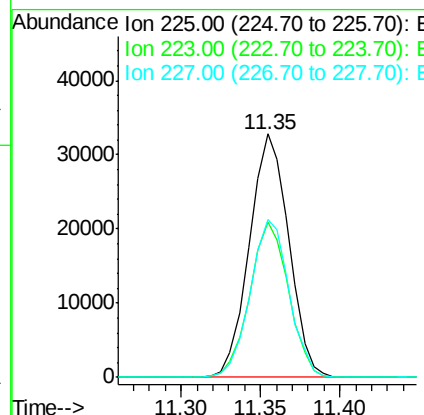
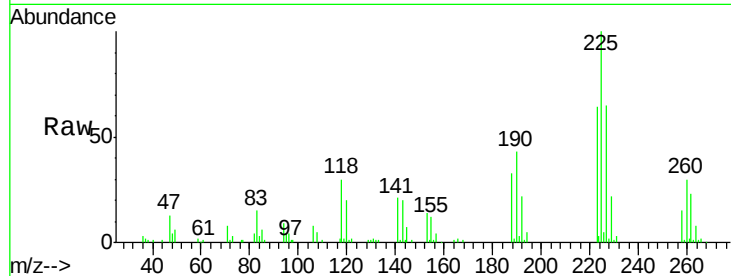
#34
Hexachlorobutadiene
Concen: 41.98 ng
RT: 11.35 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BG021766.D
Acq: 19 Apr 2016 22:17

Instrument :
BNA_G
ClientSampleId :
EUT01-TU-B2(9-13)-CMSD

Tot Ion	Ratio	Lower	Upper
225	100		
223	63.6	52.7	79.1
227	64.6	49.7	74.5

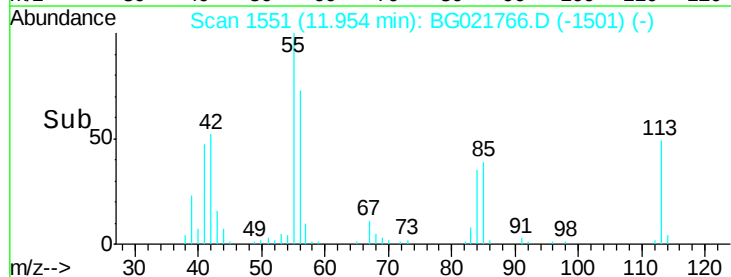
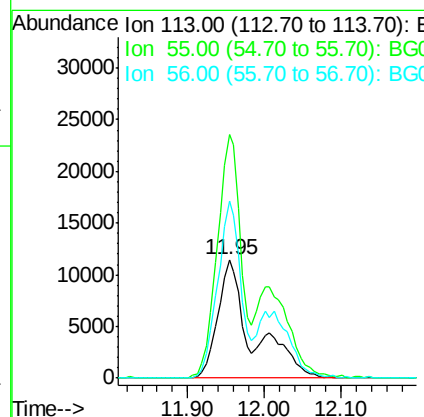
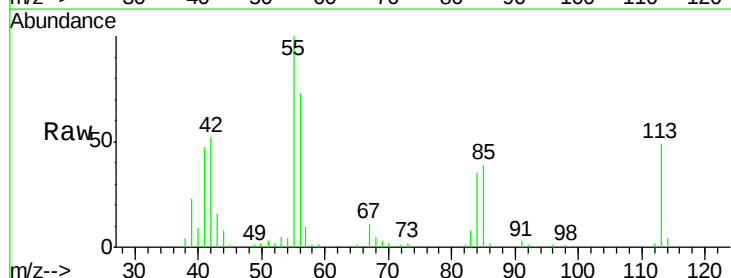
Manual Integrations
APPROVED

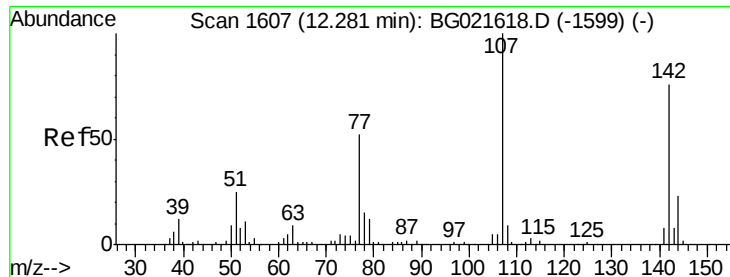
Sohil
4/20/2016 1:38:45 PM



#35
Caprolactam
Concen: 40.39 ng m
RT: 11.95 min Scan# 1551
Delta R.T. -0.00 min
Lab File: BG021766.D
Acq: 19 Apr 2016 22:17

Tgt Ion	Ratio	Lower	Upper
113	100		
55	205.0	194.2	234.2
56	148.8	122.6	162.6





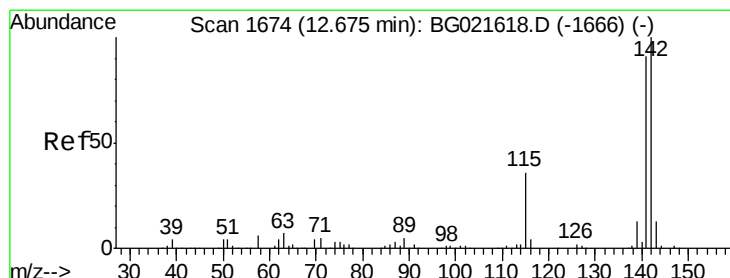
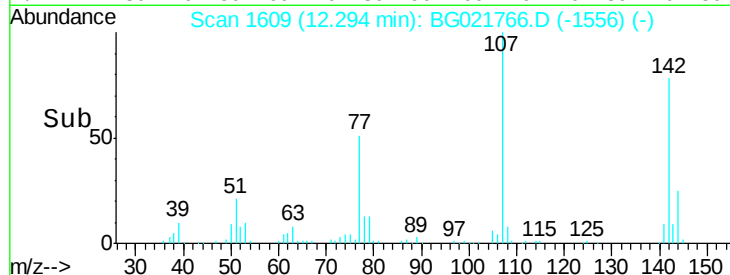
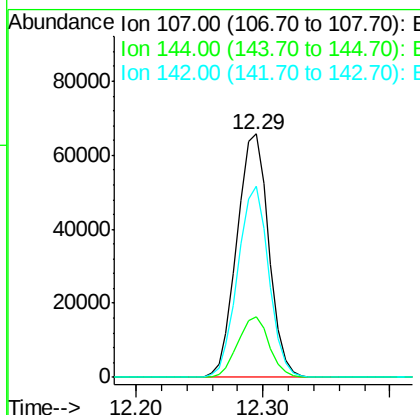
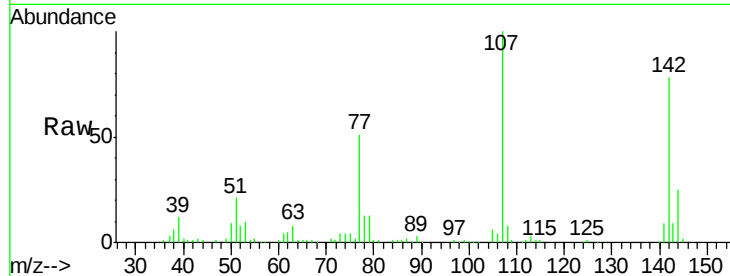
#36
 4-Chloro-3-methylphenol
 Concen: 46.94 ng
 RT: 12.29 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BG021766.D
 Acq: 19 Apr 2016 22:17

Instrument :
 BNA_G
 ClientSampleId :
 EUT01-TU-B2(9-13)-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	114613		
144	24.8	19.2	28.8	
142	78.4	59.1	88.7	

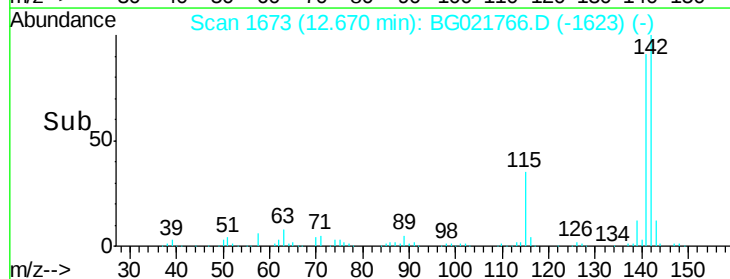
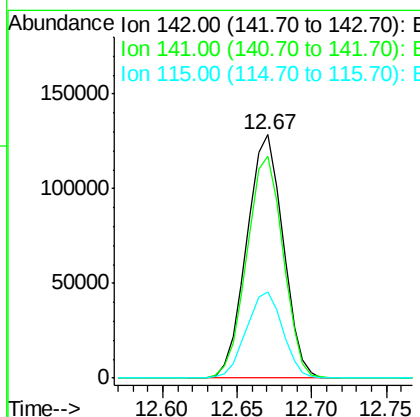
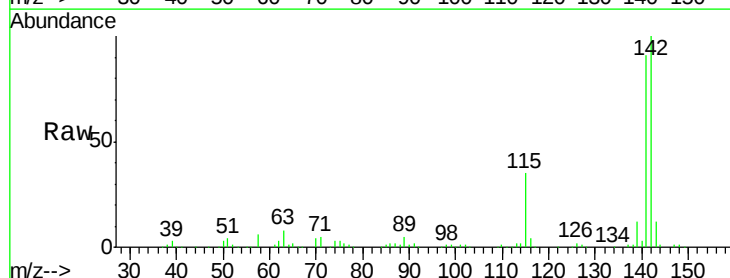
Manual Integrations
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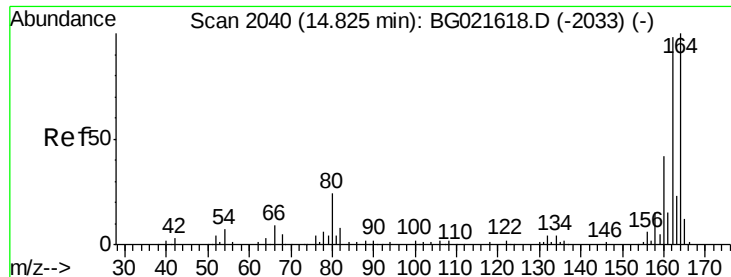
Sohil
 4/20/2016 1:38:45 PM



#37
 2-Methylnaphthalene
 Concen: 46.87 ng
 RT: 12.67 min Scan# 1673
 Delta R.T. -0.00 min
 Lab File: BG021766.D
 Acq: 19 Apr 2016 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	217082		
141	91.1	71.4	107.0	
115	35.3	27.4	41.2	





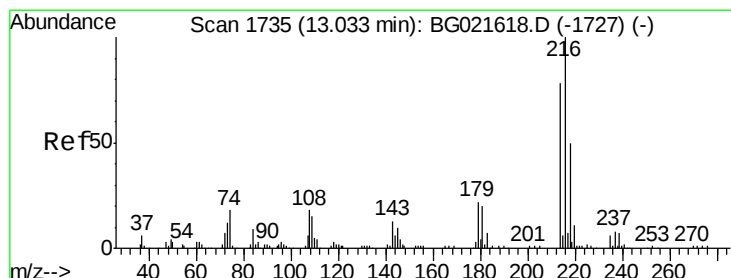
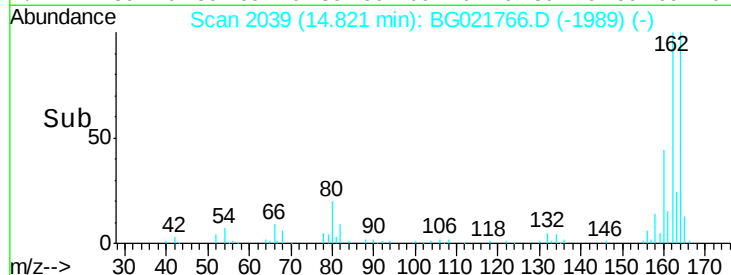
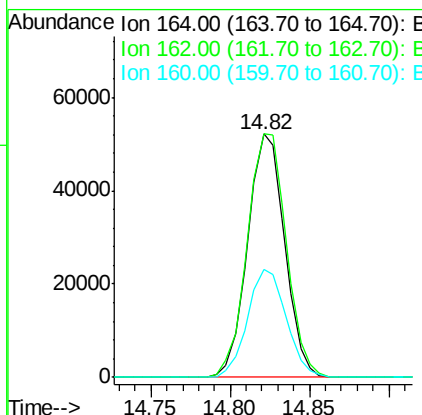
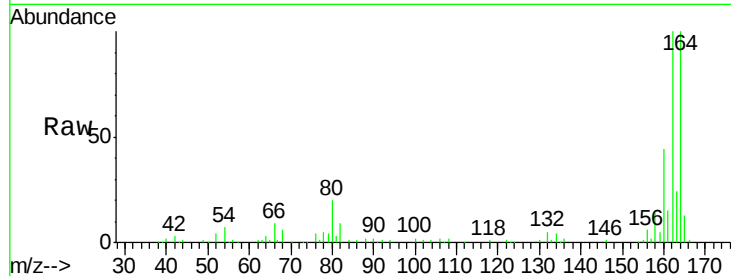
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BG021766.D
Acq: 19 Apr 2016 22:17

Instrument :
BNA_G
ClientSampleId :
EUT01-TU-B2(9-13)-CMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.0	78.0	117.0
160	44.2	32.9	49.3

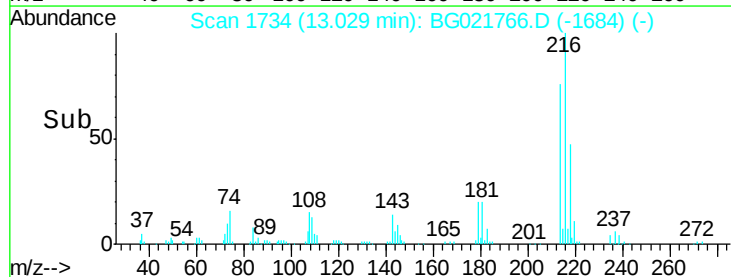
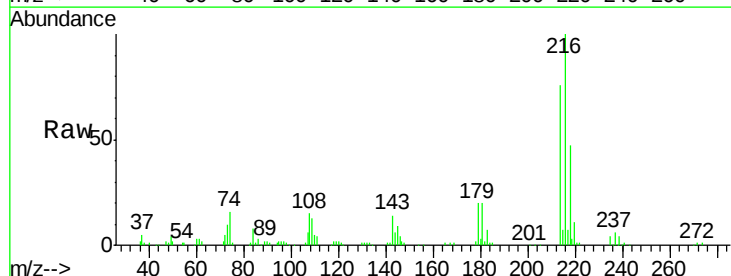
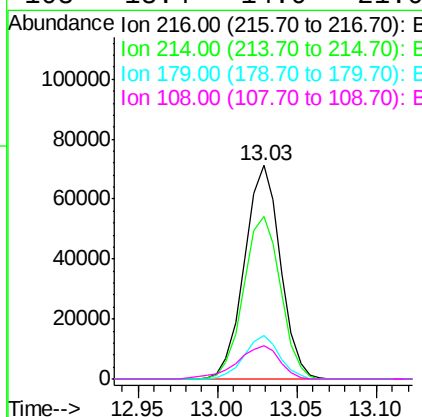
Manual Integrations
APPROVED

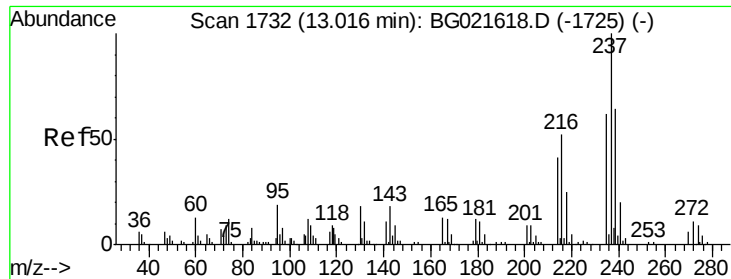
Sohil
4/20/2016 1:38:45 PM



#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.37 ng
RT: 13.03 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG021766.D
Acq: 19 Apr 2016 22:17

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.1	62.2	93.2
179	20.0	16.7	25.1
108	18.4	14.0	21.0





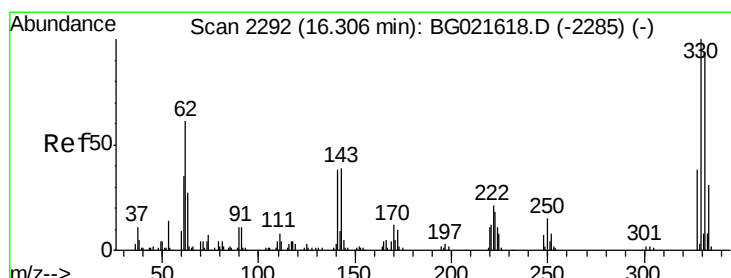
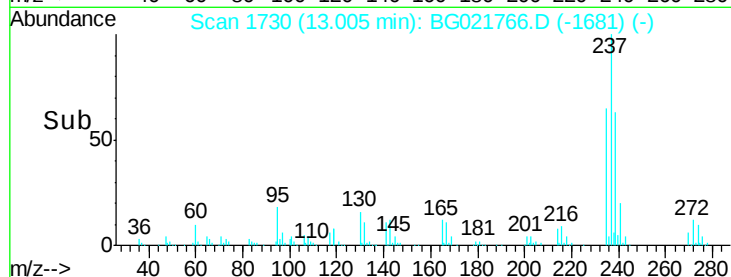
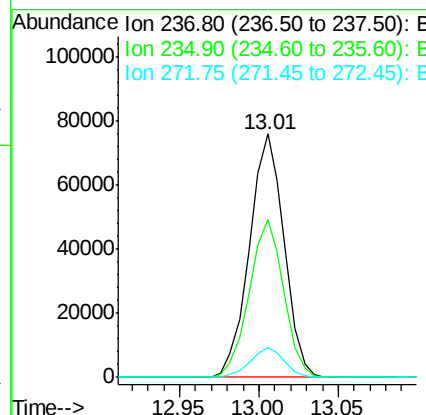
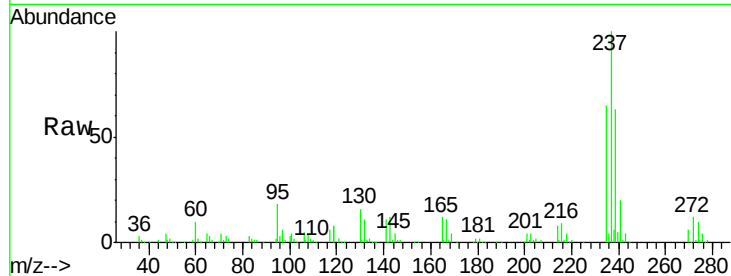
#40
Hexachlorocyclopentadiene
Concen: 78.18 ng
RT: 13.01 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BG021766.D
Acq: 19 Apr 2016 22:17

Instrument :
BNA_G
ClientSampleId :
EUT01-TU-B2(9-13)-CMSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	64.7	43.2	83.2
272	12.2	0.0	33.4

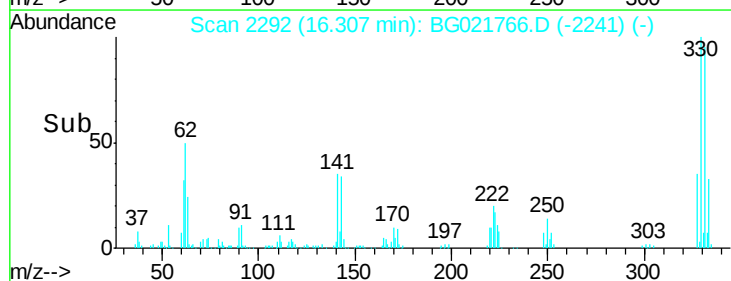
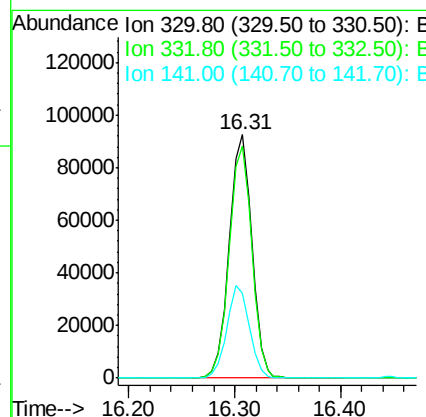
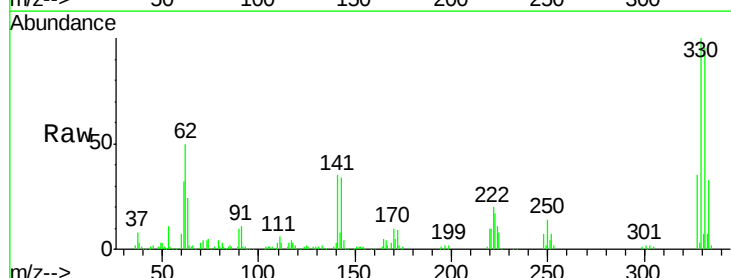
Manual Integrations
APPROVED

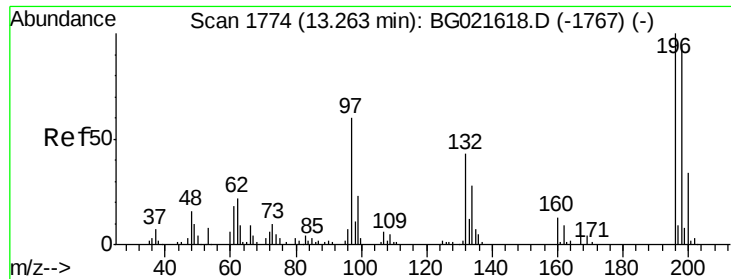
Sohil
4/20/2016 1:38:45 PM



#41
2,4,6-Tribromophenol
Concen: 150.33 ng
RT: 16.31 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BG021766.D
Acq: 19 Apr 2016 22:17

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.5	78.0	117.0
141	38.2	33.8	50.8





#42

2,4,6-Trichlorophenol

Concen: 46.89 ng

RT: 13.26 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BG021766.D

Acq: 19 Apr 2016 22:17

Instrument :

BNA_G

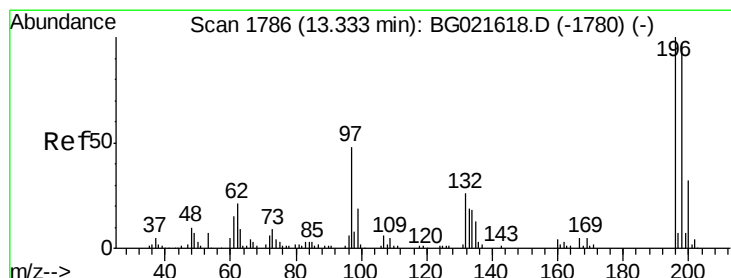
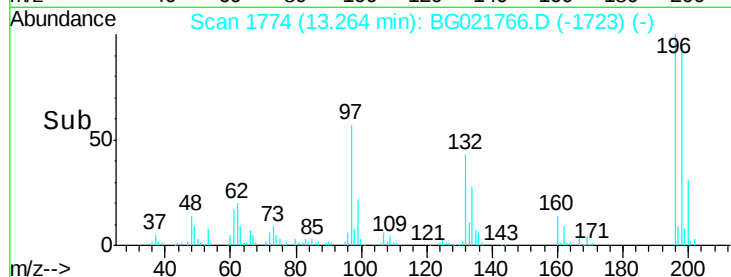
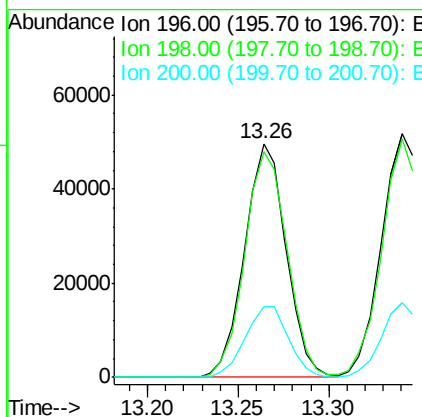
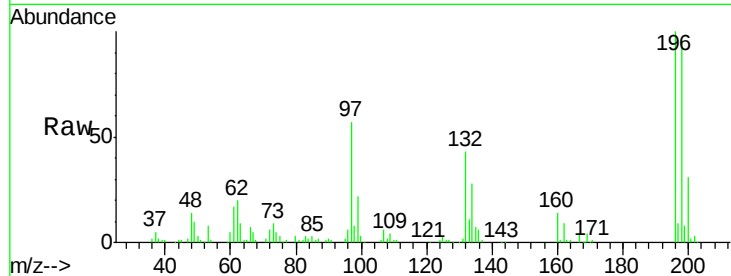
ClientSampleId :

EUT01-TU-B2(9-13)-CMSD

Tot Ion:	196	Resp:	79122
Ion Ratio	Lower	Upper	
196	100		
198	96.5	80.1	120.1
200	30.5	24.1	36.1

Manual Integrations
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4/20/2016 1:38:45 PM



#43

2,4,5-Trichlorophenol

Concen: 46.88 ng

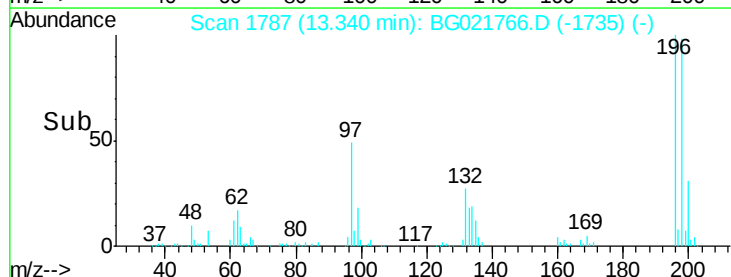
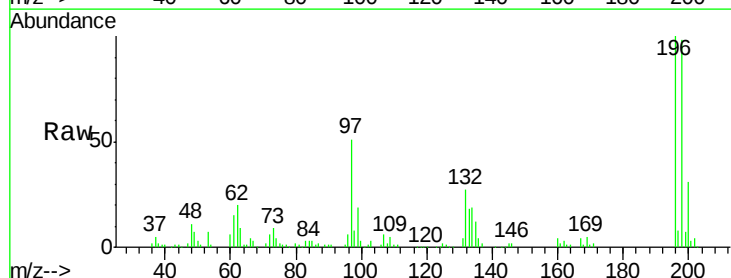
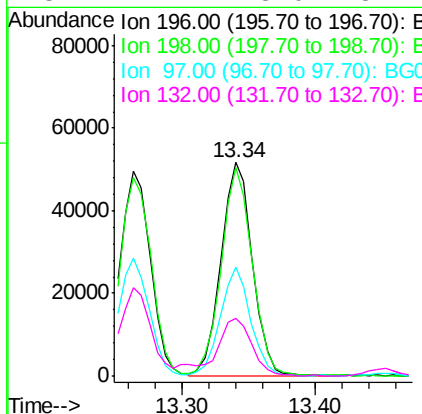
RT: 13.34 min Scan# 1787

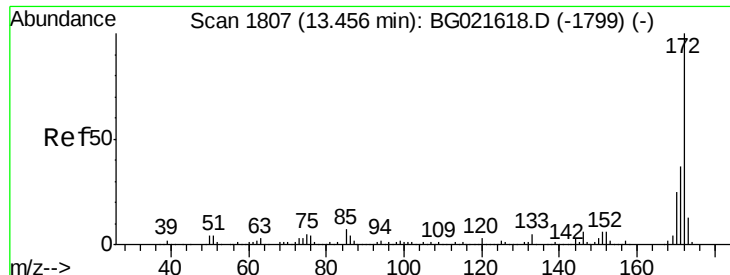
Delta R.T. 0.01 min

Lab File: BG021766.D

Acq: 19 Apr 2016 22:17

Tgt Ion:	196	Resp:	85355
Ion Ratio	Lower	Upper	
196	100		
198	97.8	78.0	117.0
97	51.0	43.0	64.6
132	27.1	23.0	34.4





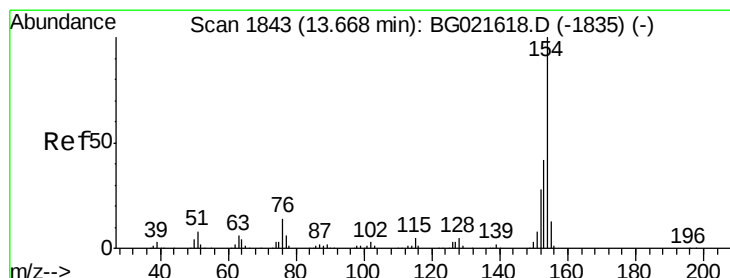
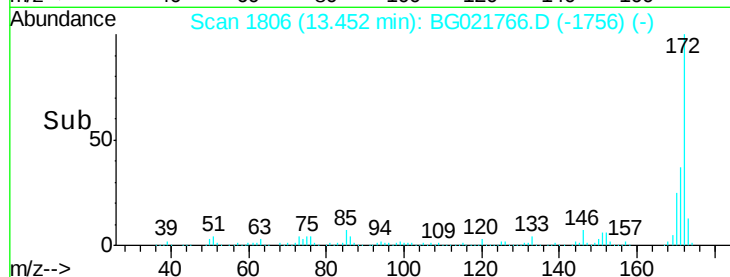
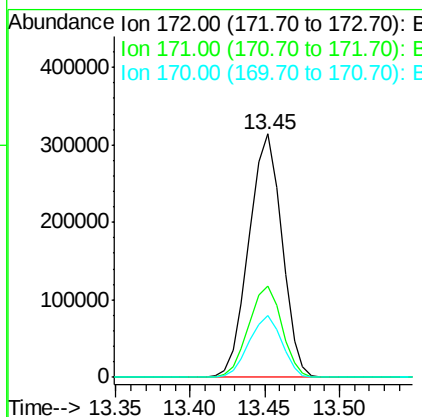
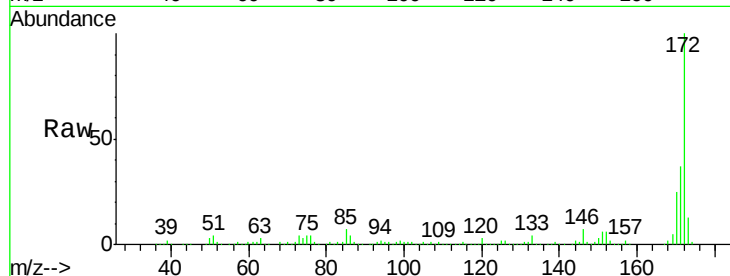
#44
2-Fluorobiphenyl
Concen: 83.16 ng
RT: 13.45 min Scan# 1806
Delta R.T. -0.00 min
Lab File: BG021766.D
Acq: 19 Apr 2016 22:17

Instrument :
BNA_G
ClientSampleId :
EUT01-TU-B2(9-13)-CMSD

Tot Ion:	172	Resp:	480573
Ion Ratio	Lower	Upper	
172	100		
171	37.3	27.8	41.6
170	25.2	19.6	29.4

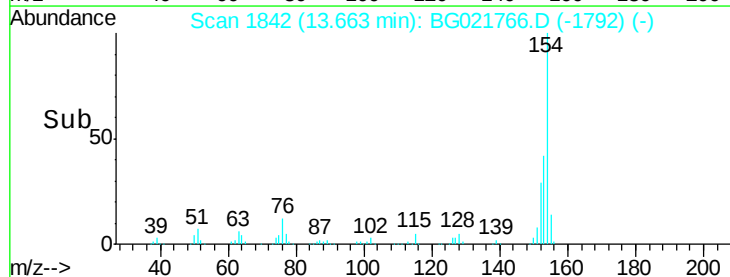
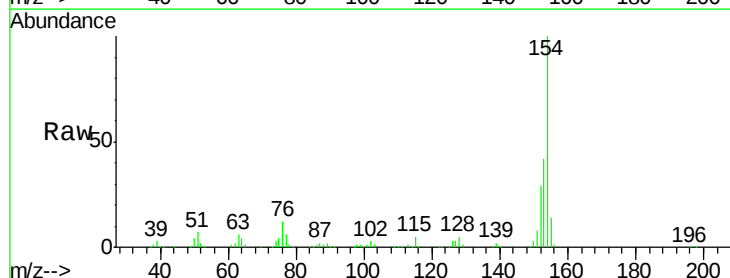
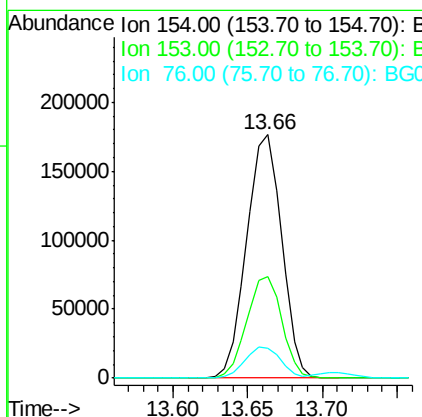
Manual Integrations
APPROVED

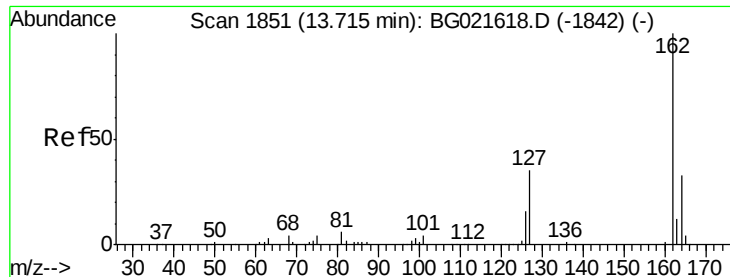
Sohil
4/20/2016 1:38:45 PM



#45
1,1'-Biphenyl
Concen: 40.15 ng
RT: 13.66 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BG021766.D
Acq: 19 Apr 2016 22:17

Tgt Ion:	154	Resp:	286417
Ion Ratio	Lower	Upper	
154	100		
153	41.6	19.7	59.7
76	12.4	0.0	33.0





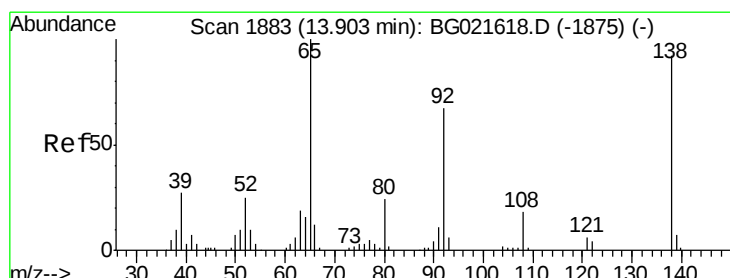
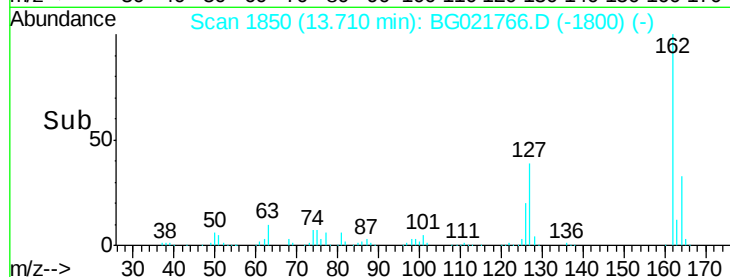
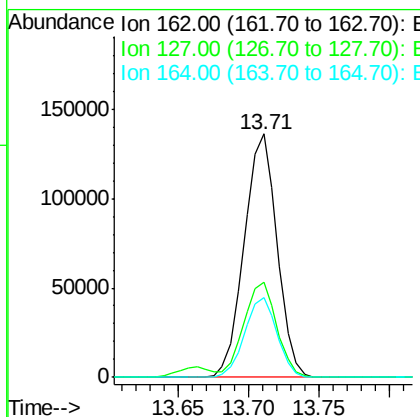
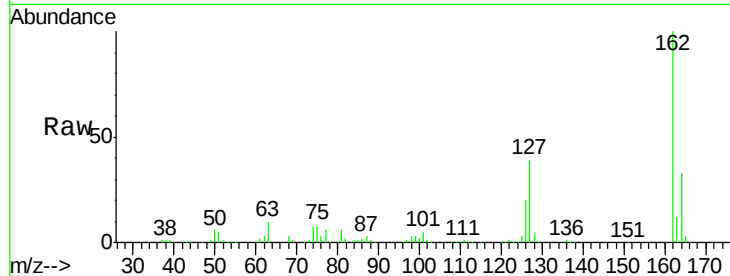
#46
2-Chloronaphthalene
Concen: 42.06 ng
RT: 13.71 min Scan# 1850
Delta R.T. -0.00 min
Lab File: BG021766.D
Acq: 19 Apr 2016 22:17

Instrument :
BNA_G
ClientSampleId :
EUT01-TU-B2(9-13)-CMSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	39.0	32.0	48.0
164	32.5	27.0	40.4

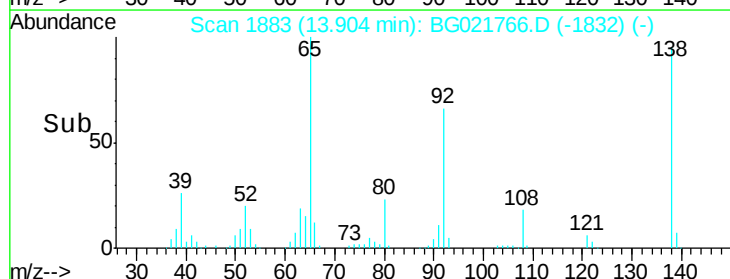
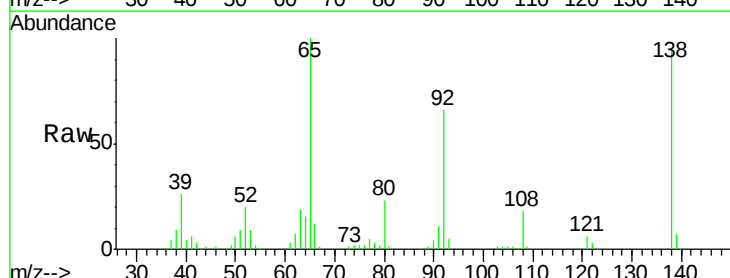
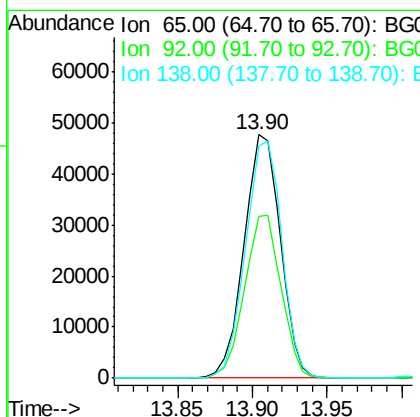
Manual Integrations
APPROVED

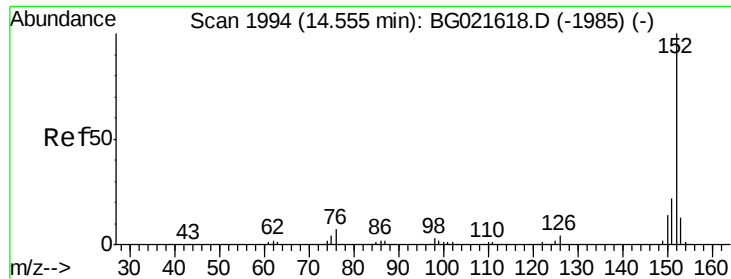
Sohil
4/20/2016 1:38:45 PM



#47
2-Nitroaniline
Concen: 44.47 ng
RT: 13.90 min Scan# 1883
Delta R.T. 0.00 min
Lab File: BG021766.D
Acq: 19 Apr 2016 22:17

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	66.4	49.2	73.8
138	95.3	75.0	112.6





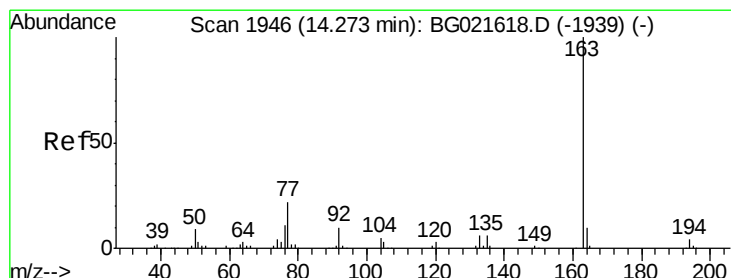
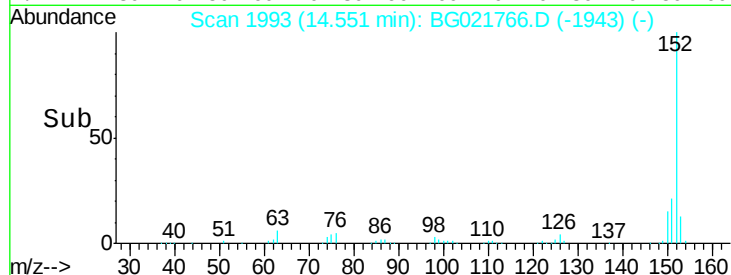
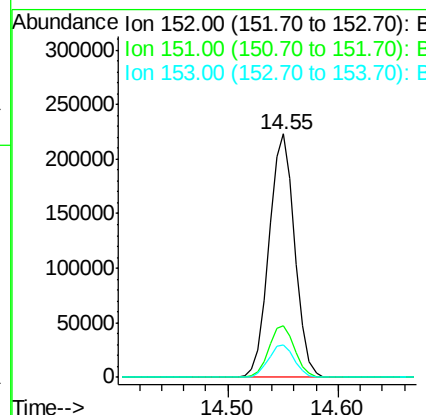
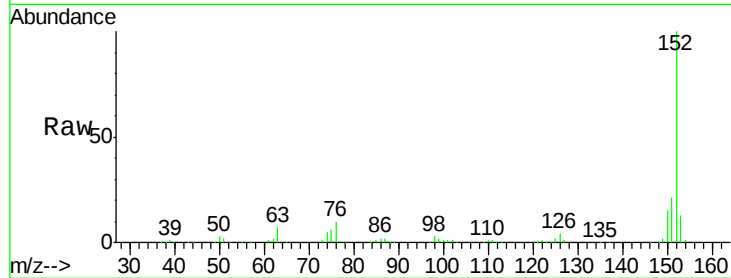
#48
Acenaphthylene
Concen: 41.45 ng
RT: 14.55 min Scan# 1993
Delta R.T. -0.00 min
Lab File: BG021766.D
Acq: 19 Apr 2016 22:17

Instrument :
BNA_G
ClientSampleId :
EUT01-TU-B2(9-13)-CMSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.6	24.8
153	13.3	10.2	15.2

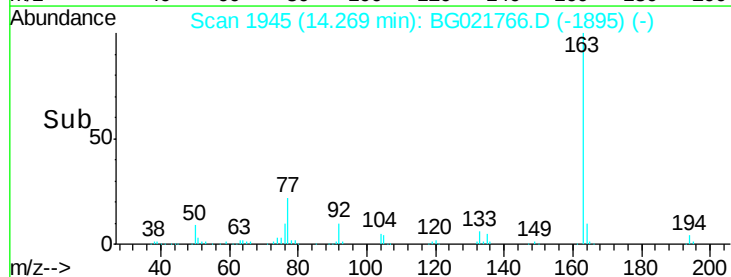
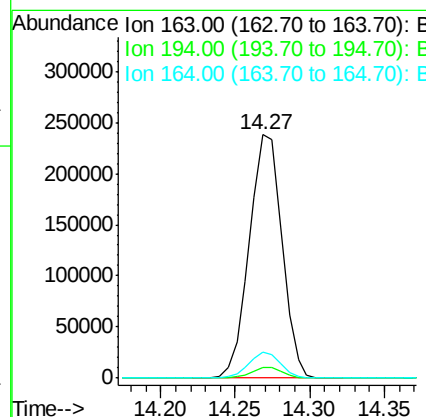
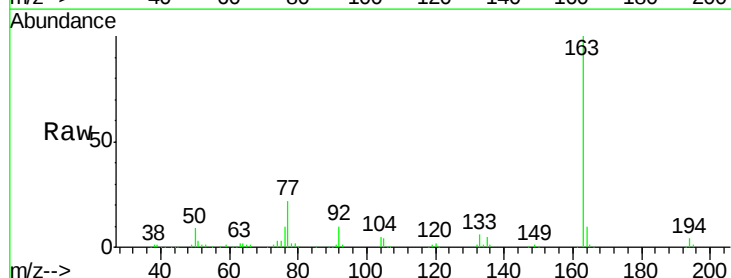
Manual Integrations
APPROVED

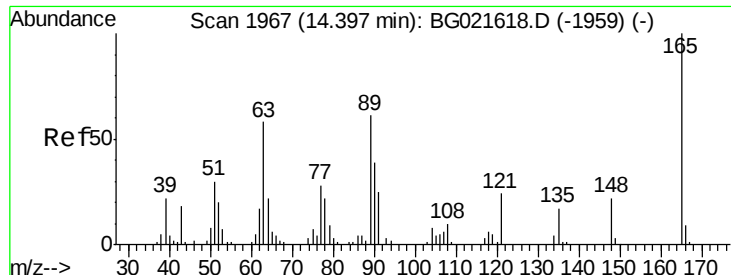
Sohil
4/20/2016 1:38:45 PM



#49
Dimethylphthalate
Concen: 49.15 ng
RT: 14.27 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG021766.D
Acq: 19 Apr 2016 22:17

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.6
164	10.5	8.1	12.1





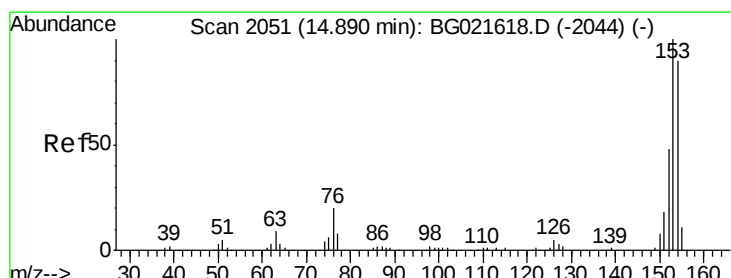
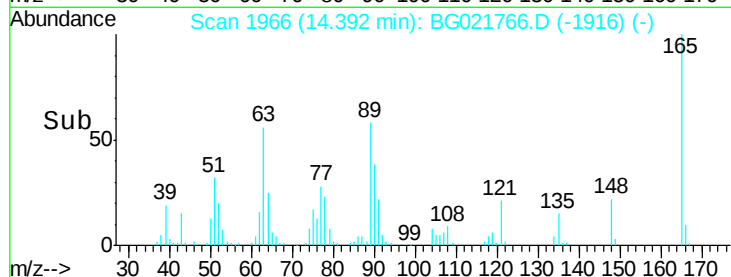
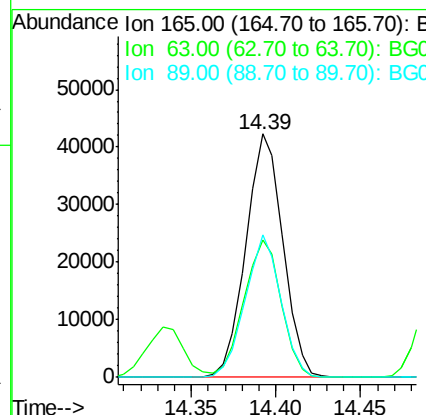
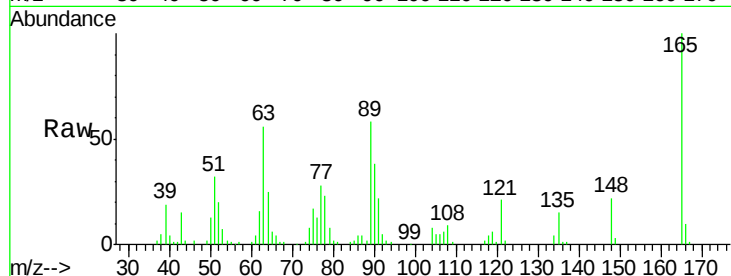
#50
 2,6-Dinitrotoluene
 Concen: 46.26 ng
 RT: 14.39 min Scan# 1966
 Delta R.T. -0.00 min
 Lab File: BG021766.D
 Acq: 19 Apr 2016 22:17

Instrument :
 BNA_G
 ClientSampleId :
 EUT01-TU-B2(9-13)-CMSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	56.3	48.2	72.4
89	58.5	45.3	67.9

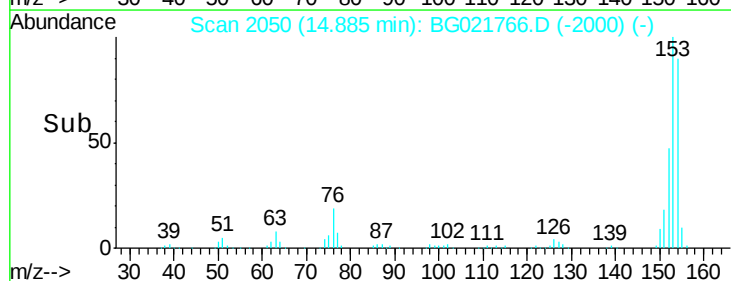
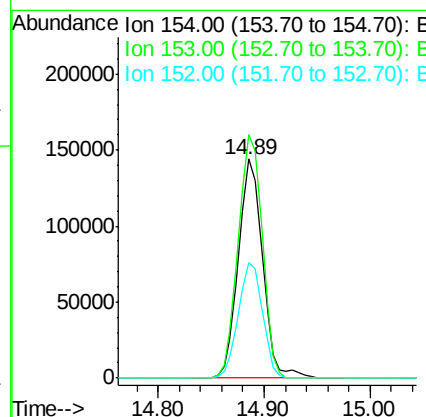
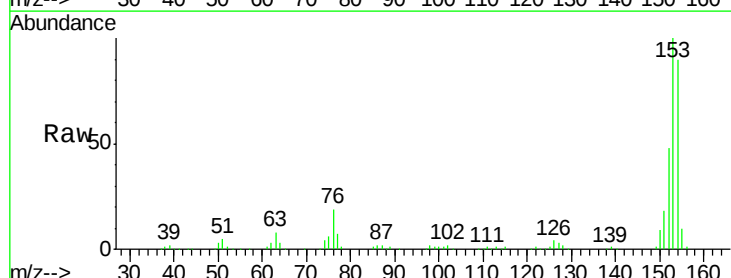
Manual Integrations
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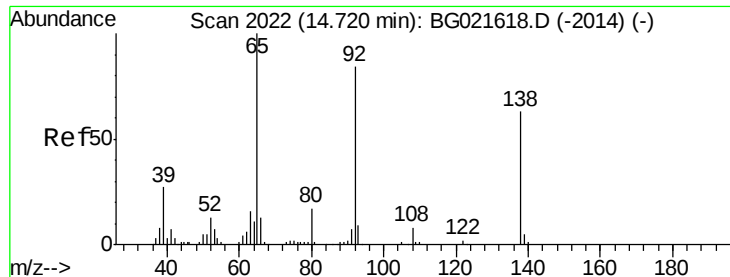
Sohil
 4/20/2016 1:38:45 PM



#51
 Acenaphthene
 Concen: 41.00 ng
 RT: 14.89 min Scan# 2050
 Delta R.T. -0.00 min
 Lab File: BG021766.D
 Acq: 19 Apr 2016 22:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.3	91.9	137.9
152	53.0	42.0	63.0





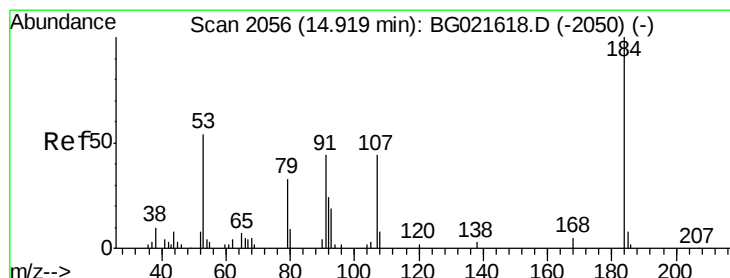
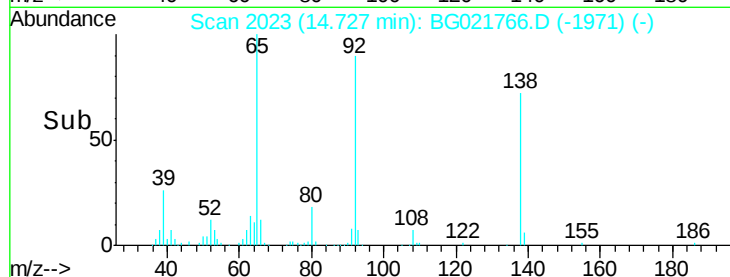
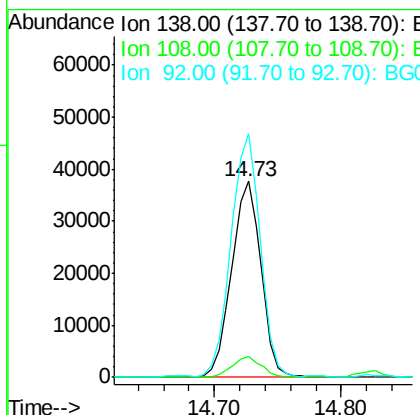
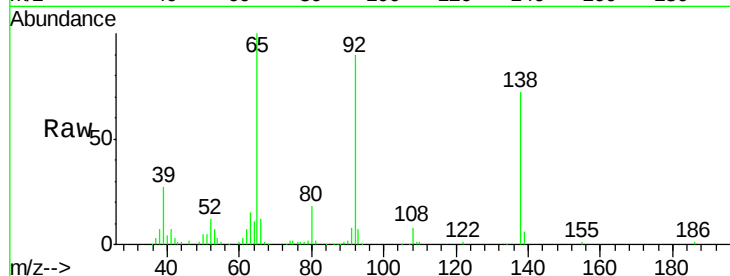
#52
3-Nitroaniline
Concen: 38.74 ng
RT: 14.73 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BG021766.D
Acq: 19 Apr 2016 22:17

Instrument :
BNA_G
ClientSampleId :
EUT01-TU-B2(9-13)-CMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.1	13.7
92	124.2	102.6	154.0

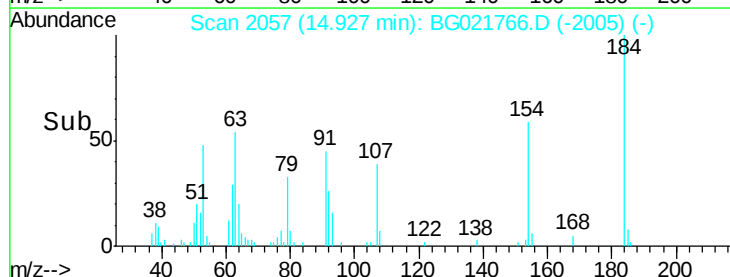
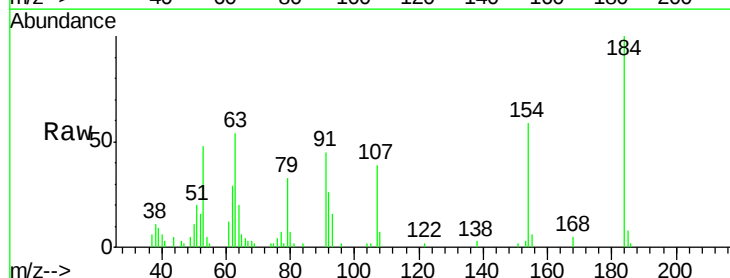
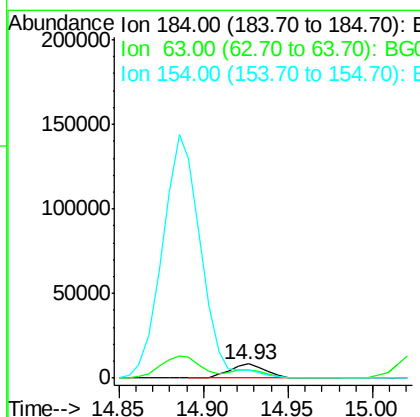
Manual Integrations
APPROVED

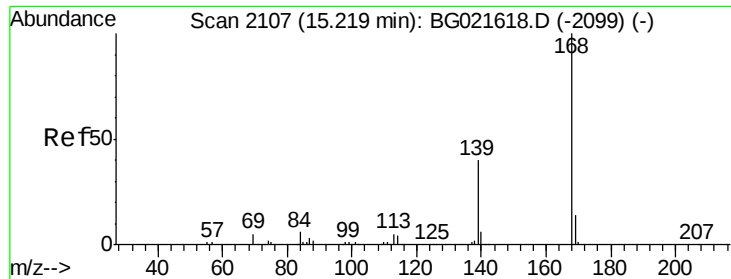
Sohil
4/20/2016 1:38:45 PM



#53
2,4-Dinitrophenol
Concen: 28.90 ng
RT: 14.93 min Scan# 2057
Delta R.T. 0.01 min
Lab File: BG021766.D
Acq: 19 Apr 2016 22:17

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.4	57.3	85.9#
154	59.4	55.2	82.8





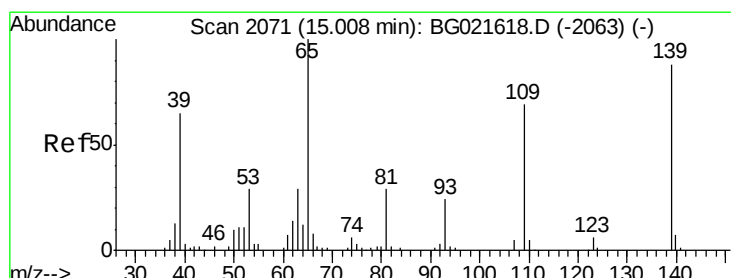
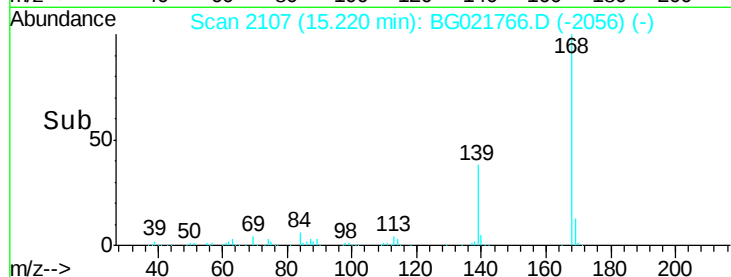
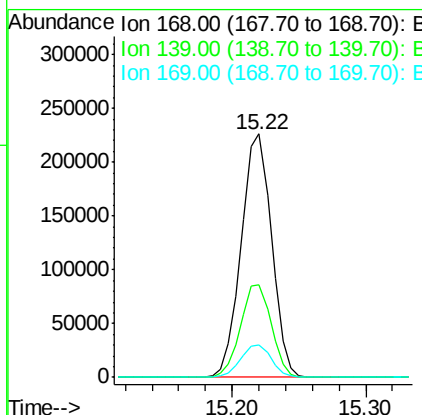
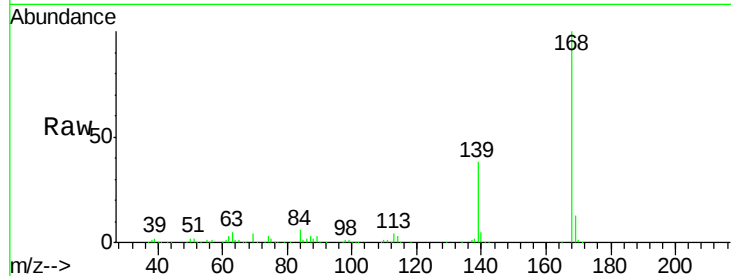
#54
Dibenzofuran
Concen: 46.75 ng
RT: 15.22 min Scan# 2107
Delta R.T. 0.00 min
Lab File: BG021766.D
Acq: 19 Apr 2016 22:17

Instrument :
BNA_G
ClientSampleId :
EUT01-TU-B2(9-13)-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	355860		
139	38.3		31.1	46.7
169	13.1		11.0	16.6

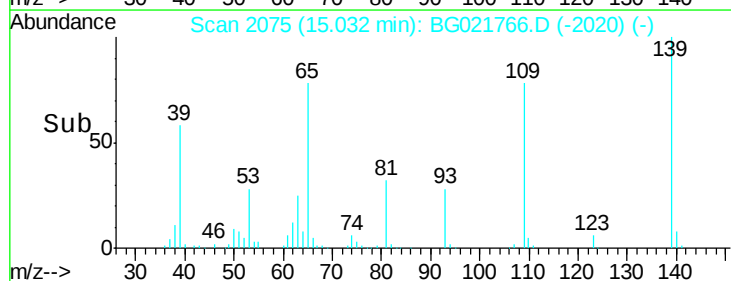
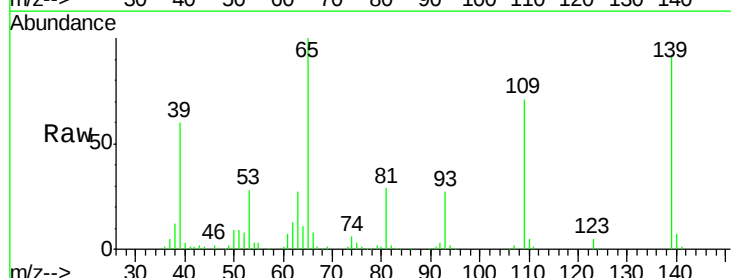
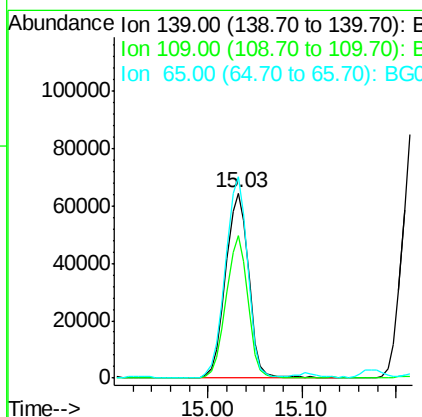
Manual Integrations
APPROVED

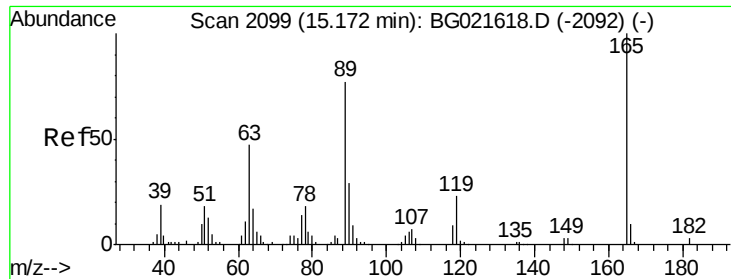
Sohil
4/20/2016 1:38:45 PM



#55
4-Nitrophenol
Concen: 83.46 ng
RT: 15.03 min Scan# 2075
Delta R.T. 0.02 min
Lab File: BG021766.D
Acq: 19 Apr 2016 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	110623		
109	77.1		49.2	89.2
65	108.6		83.2	123.2





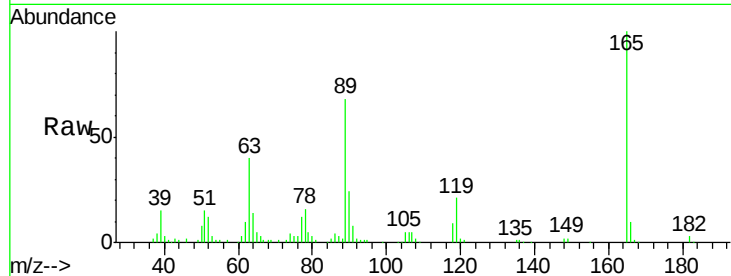
#56
2,4-Dinitrotoluene
Concen: 48.52 ng
RT: 15.18 min Scan# 2100
Delta R.T. 0.01 min
Lab File: BG021766.D
Acq: 19 Apr 2016 22:17

Instrument :
BNA_G
ClientSampleId :
EUT01-TU-B2(9-13)-CMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		91530		
63	40.2		37.4	56.0	
89	67.8		59.4	89.0	
182	2.5		2.1	3.1	

Manual Integrations
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Sohil
4/20/2016 1:38:45 PM

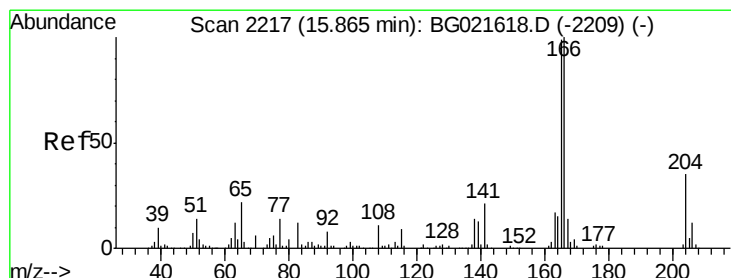
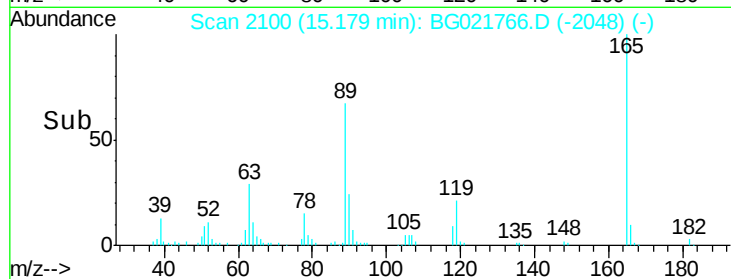
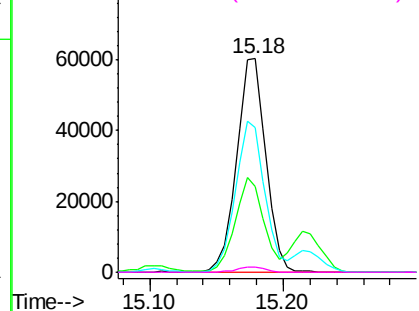


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

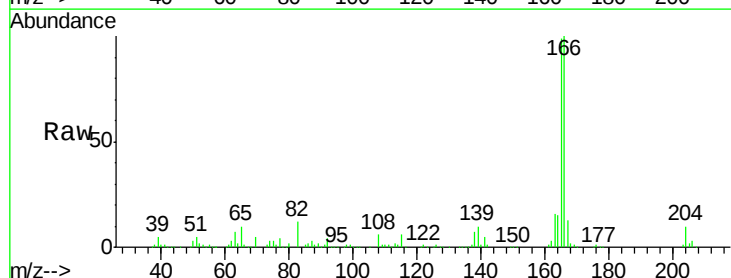
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 42.16 ng
RT: 15.87 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BG021766.D
Acq: 19 Apr 2016 22:17

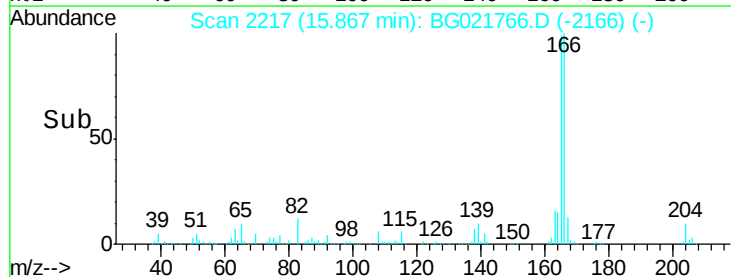
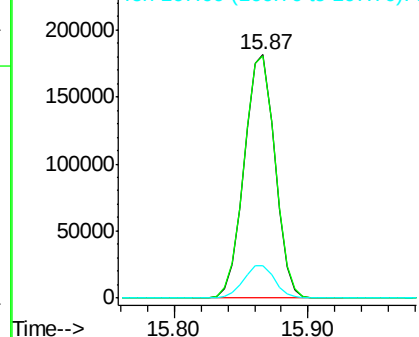
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		286573		
165	99.3		79.0	118.4	
167	13.3		10.7	16.1	

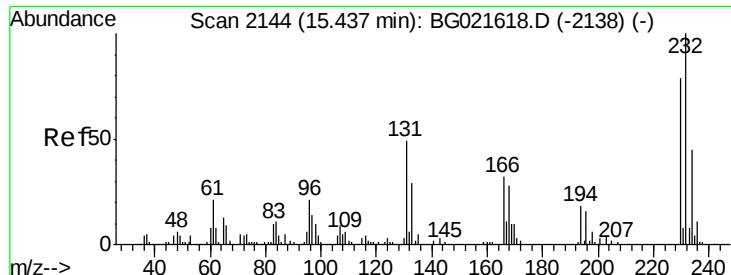


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#58

2,3,4,6-Tetrachlorophenol

Concen: 50.22 ng

RT: 15.44 min Scan# 2145

Delta R.T. 0.01 min

Lab File: BG021766.D

Acq: 19 Apr 2016 22:17

Instrument :

BNA_G

ClientSampleId :

EUT01-TU-B2(9-13)-CMSD

Tot Ion:232 Resp: 75867

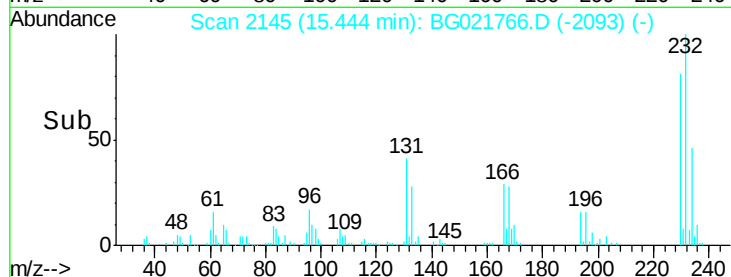
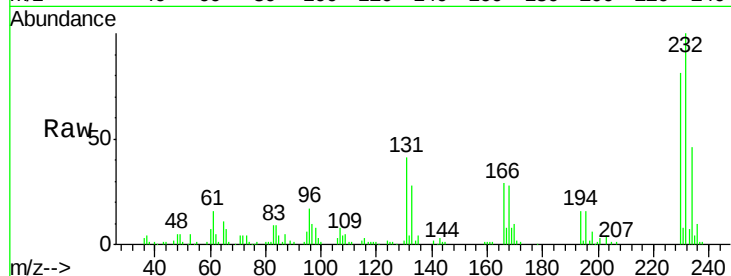
Ion Ratio Lower Upper

232 100

131 45.4 36.3 54.5

130 2.6 1.9 2.9

166 31.2 25.0 37.4

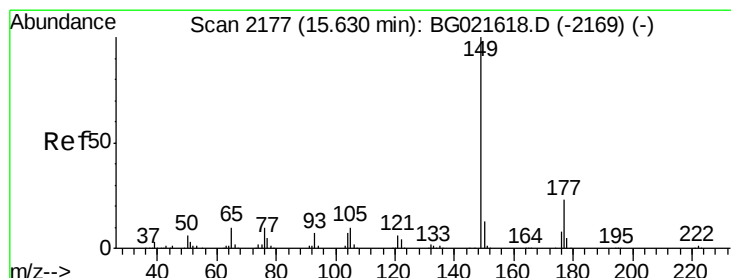
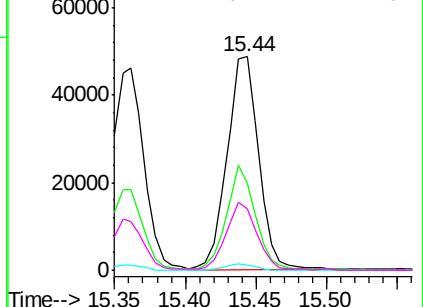


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59

Diethylphthalate

Concen: 39.63 ng

RT: 15.62 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BG021766.D

Acq: 19 Apr 2016 22:17

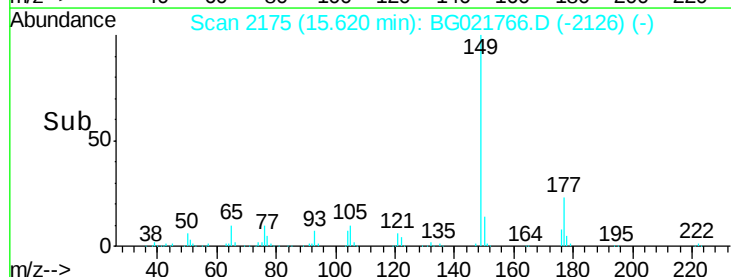
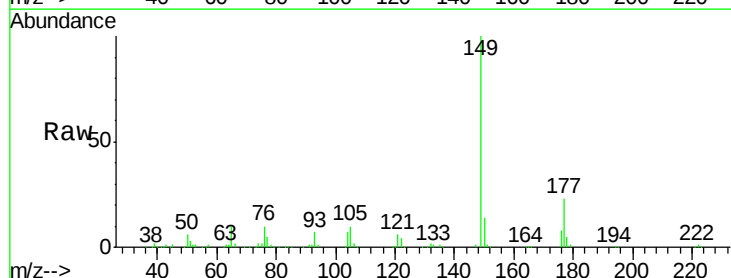
Tgt Ion:149 Resp: 302825

Ion Ratio Lower Upper

149 100

177 22.8 17.3 25.9

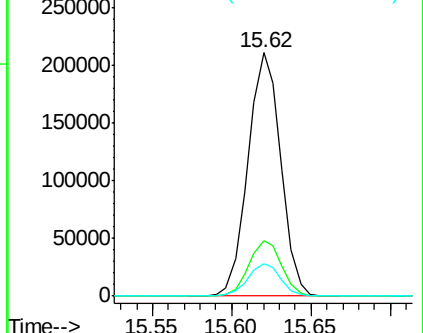
150 13.6 9.7 14.5

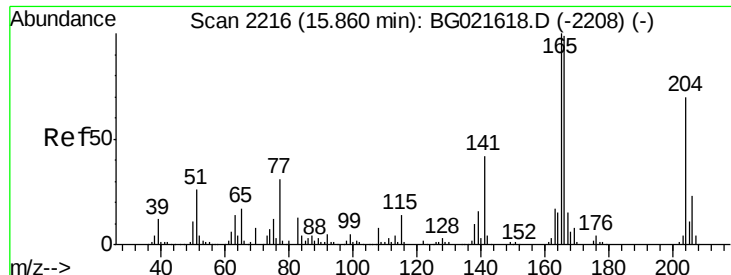


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#60

4-Chlorophenyl-phenylether

Concen: 42.04 ng

RT: 15.85 min Scan# 2214

Delta R.T. -0.01 min

Lab File: BG021766.D

Acq: 19 Apr 2016 22:17

Instrument :

BNA_G

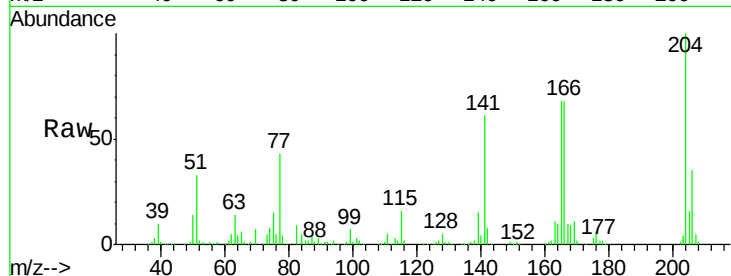
ClientSampleId :

EUT01-TU-B2(9-13)-CMSD

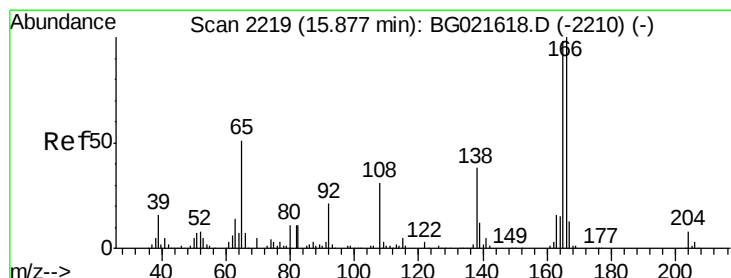
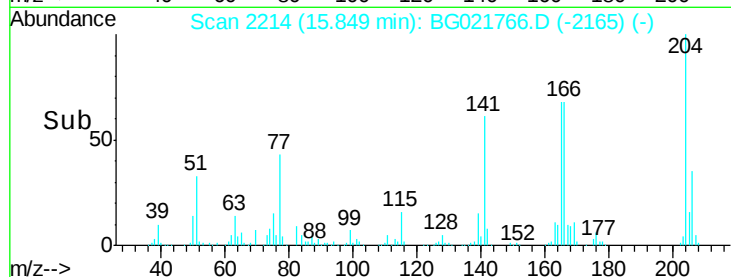
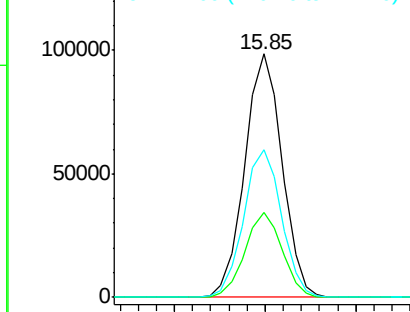
Tot Ion:	204	Resp:	140760
Ion Ratio	Lower	Upper	
204	100		
206	34.7	27.8	41.8
141	60.5	51.0	76.4

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Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



#61

4-Nitroaniline

Concen: 40.65 ng

RT: 15.88 min Scan# 2220

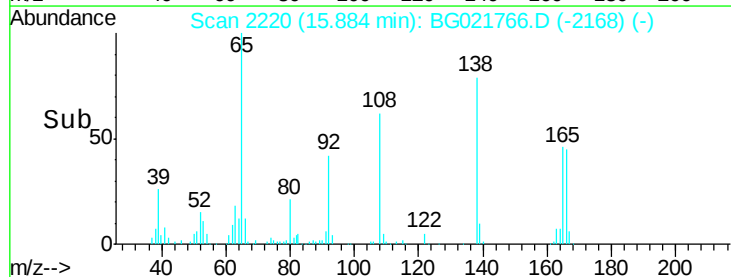
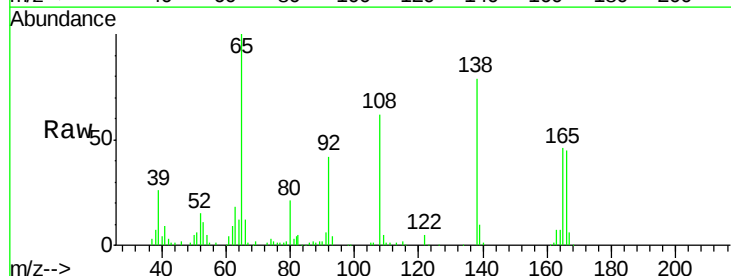
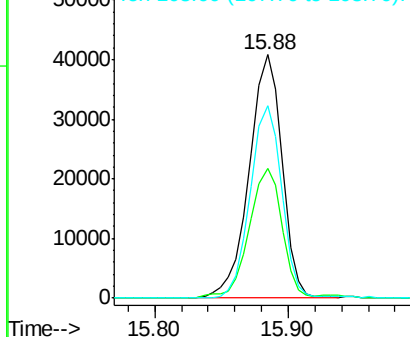
Delta R.T. 0.01 min

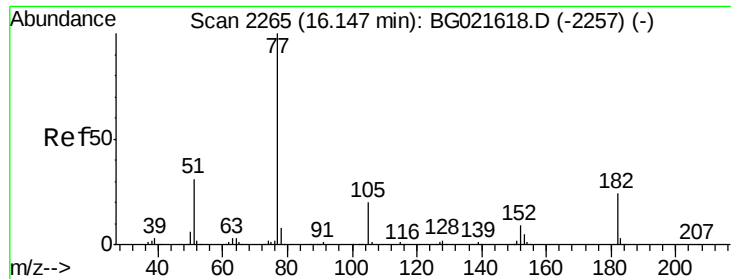
Lab File: BG021766.D

Acq: 19 Apr 2016 22:17

Tgt Ion:	138	Resp:	69236
Ion Ratio	Lower	Upper	
138	100		
92	53.5	37.7	77.7
108	79.1	59.4	99.4

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





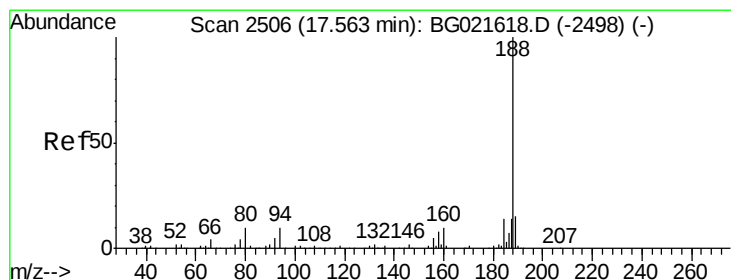
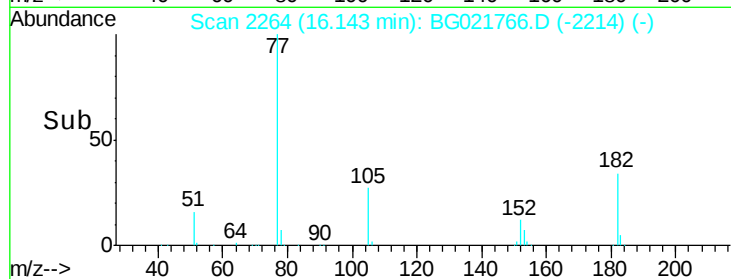
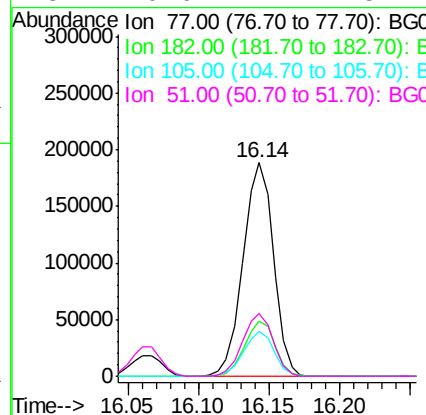
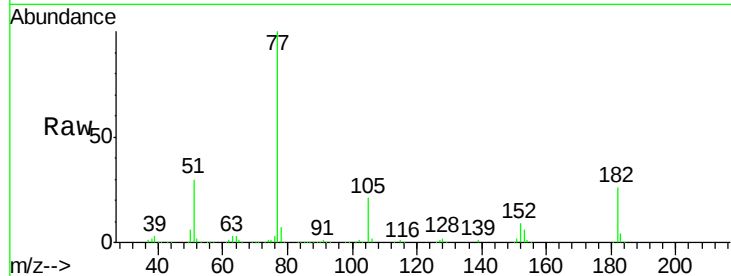
#62
Azobenzene
Concen: 43.42 ng
RT: 16.14 min Scan# 2264
Delta R.T. -0.00 min
Lab File: BG021766.D
Acq: 19 Apr 2016 22:17

Instrument :
BNA_G
ClientSampleId :
EUT01-TU-B2(9-13)-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
77	100	284303		
182	26.0	4.1	44.1	
105	21.1	0.0	39.8	
51	29.6	11.1	51.1	

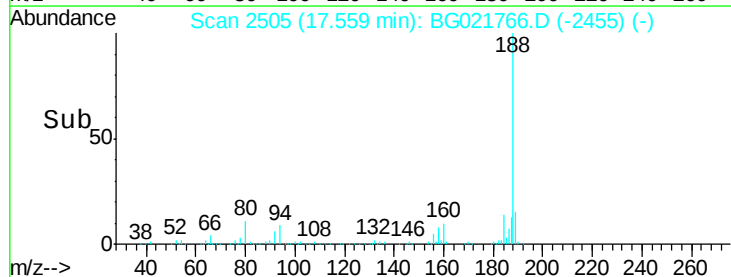
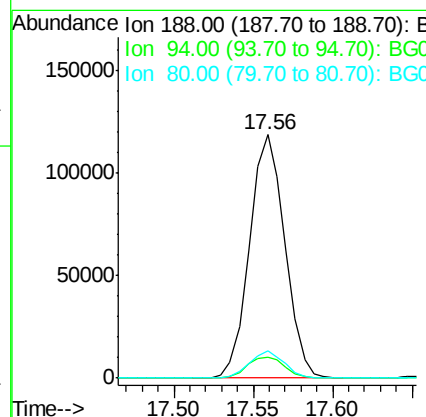
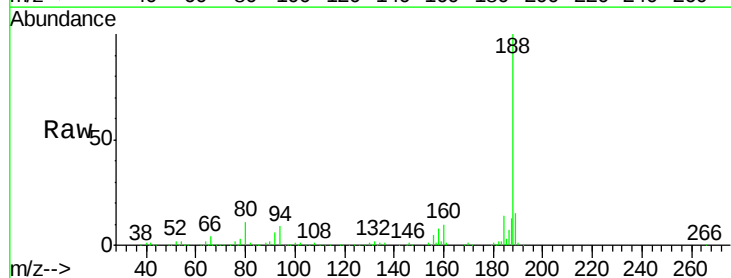
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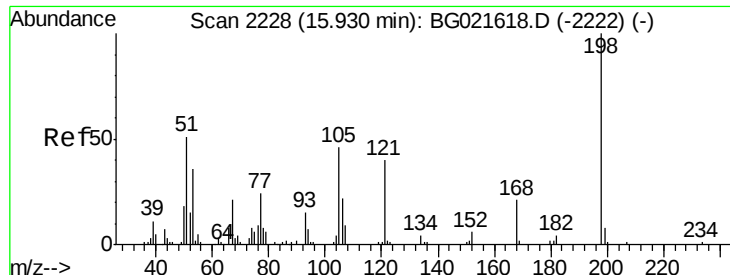
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.00 min
Lab File: BG021766.D
Acq: 19 Apr 2016 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	183118		
94	8.8	7.5	11.3	
80	11.3	8.6	13.0	





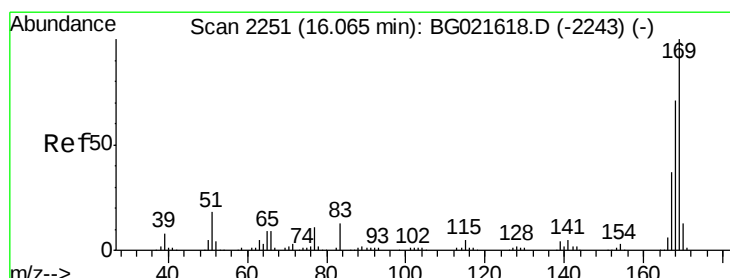
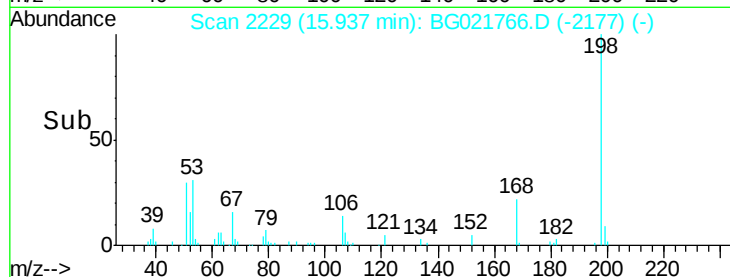
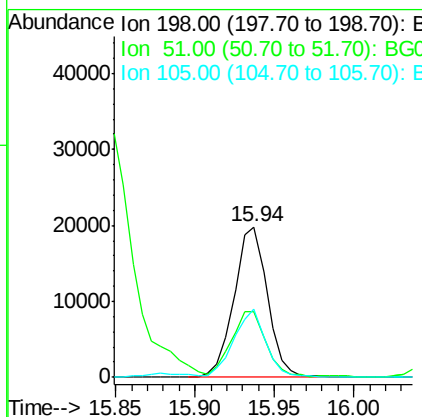
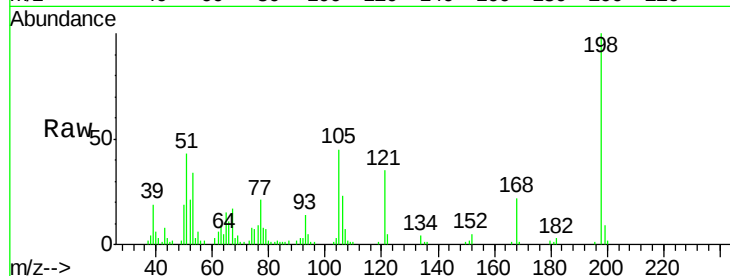
#64
4,6-Dinitro-2-methylphenol
Concen: 38.94 ng
RT: 15.94 min Scan# 2229
Delta R.T. 0.01 min
Lab File: BG021766.D
Acq: 19 Apr 2016 22:17

Instrument :
BNA_G
ClientSampleId :
EUT01-TU-B2(9-13)-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	28825		
51	43.4	29.2	69.2	
105	45.1	24.0	64.0	

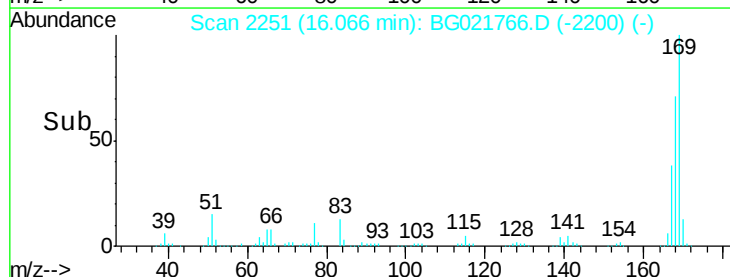
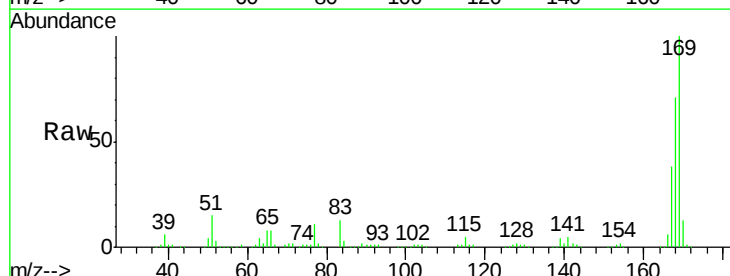
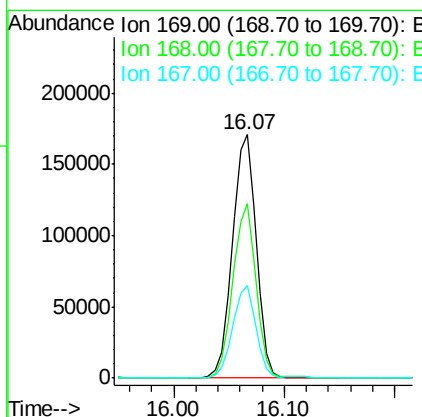
Manual Integrations
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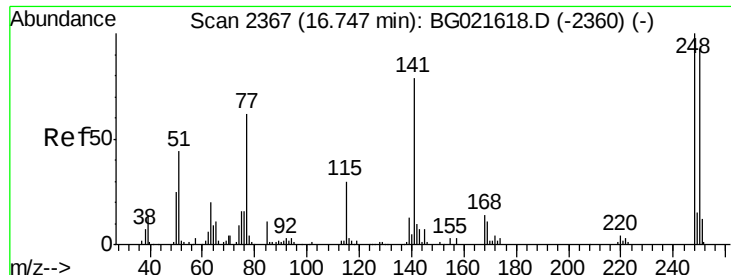
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#65
n-Nitrosodiphenylamine
Concen: 47.14 ng
RT: 16.07 min Scan# 2251
Delta R.T. 0.00 min
Lab File: BG021766.D
Acq: 19 Apr 2016 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	258908		
168	71.4	59.6	89.4	
167	37.8	31.2	46.8	





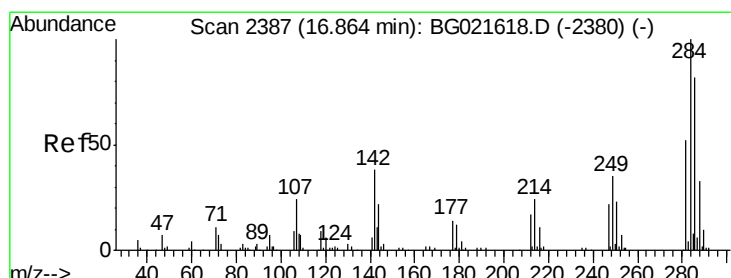
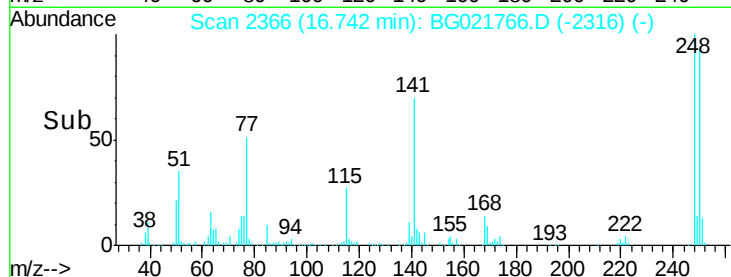
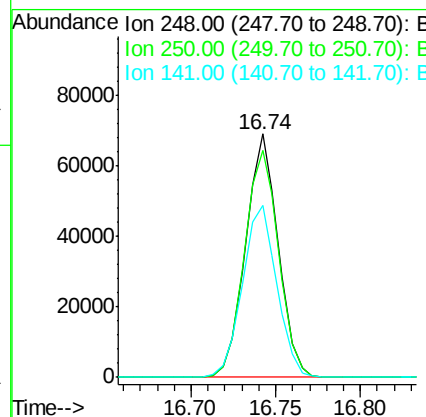
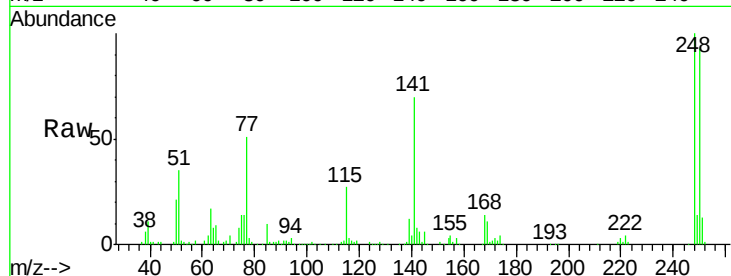
#66
 4-Bromophenyl-phenylether
 Concen: 47.20 ng
 RT: 16.74 min Scan# 2366
 Delta R.T. -0.00 min
 Lab File: BG021766.D
 Acq: 19 Apr 2016 22:17

Instrument :
 BNA_G
 ClientSampleId :
 EUT01-TU-B2(9-13)-CMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	93.3	76.6	114.8
141	70.4	63.8	95.6

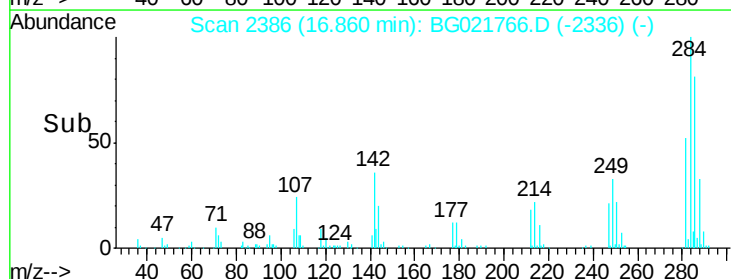
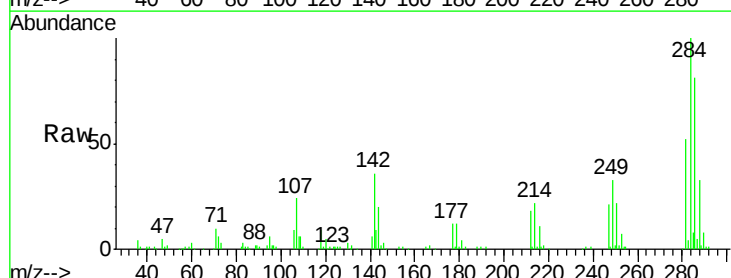
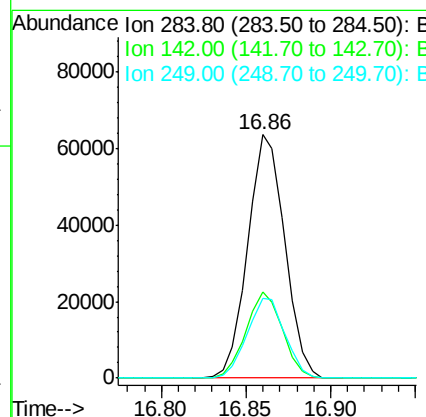
Manual Integrations
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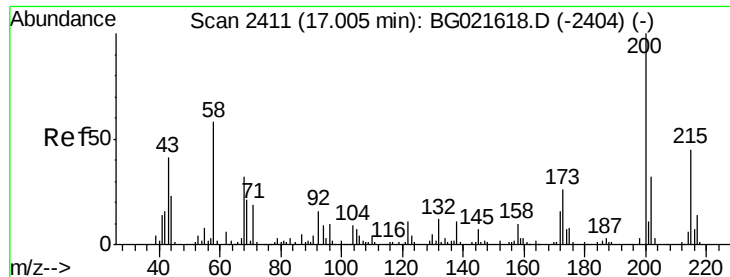
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#67
 Hexachlorobenzene
 Concen: 46.66 ng
 RT: 16.86 min Scan# 2386
 Delta R.T. -0.00 min
 Lab File: BG021766.D
 Acq: 19 Apr 2016 22:17

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.6	31.8	47.6
249	32.6	27.3	40.9





#68

Atrazine

Concen: 44.08 ng

RT: 17.00 min Scan# 2410

Delta R.T. -0.00 min

Lab File: BG021766.D

Acq: 19 Apr 2016 22:17

Instrument :

BNA_G

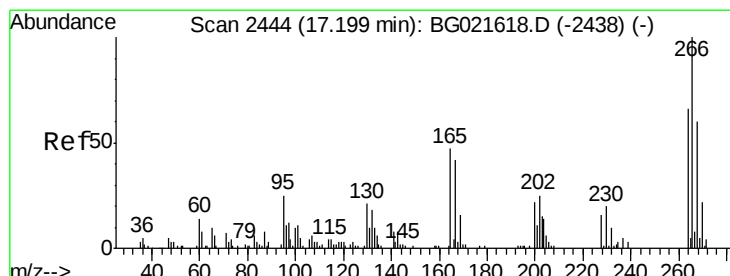
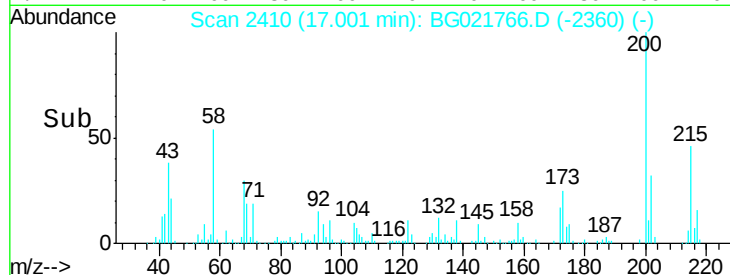
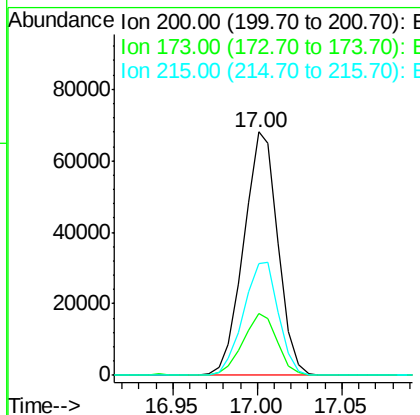
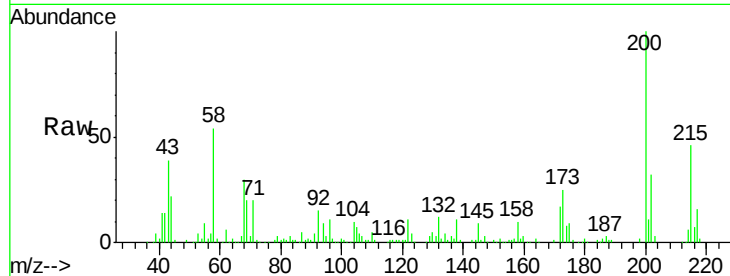
ClientSampleId :

EUT01-TU-B2(9-13)-CMSD

Tot Ion:	200	Resp:	95601
Ion Ratio	Lower	Upper	
200	100		
173	25.2	5.1	45.1
215	46.1	28.0	68.0

Manual Integrations
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#69

Pentachlorophenol

Concen: 87.70 ng

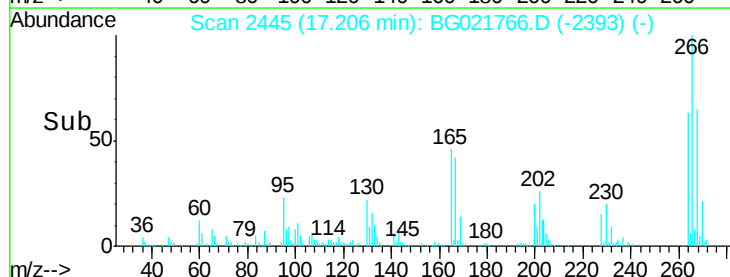
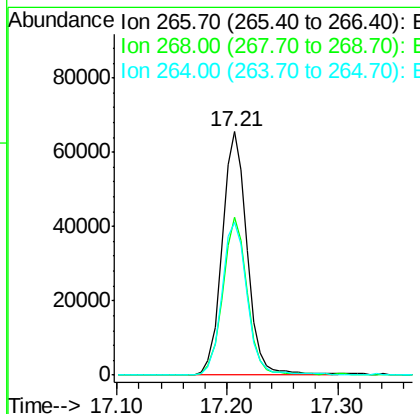
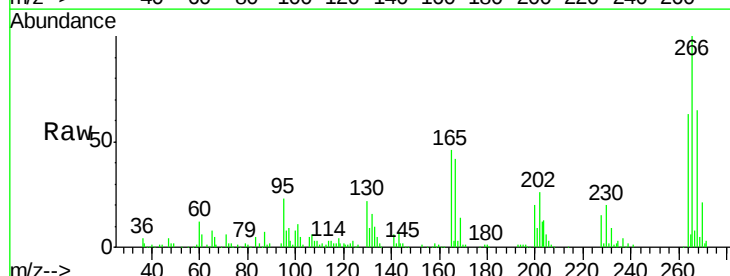
RT: 17.21 min Scan# 2445

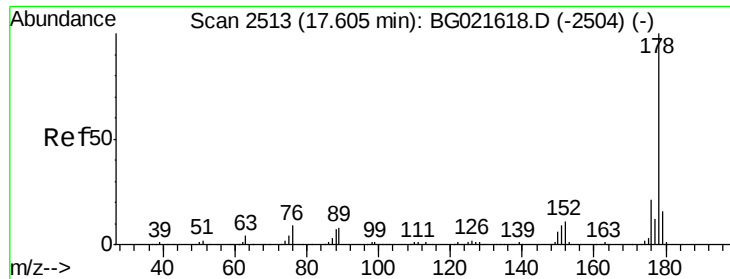
Delta R.T. 0.01 min

Lab File: BG021766.D

Acq: 19 Apr 2016 22:17

Tgt Ion:	266	Resp:	103700
Ion Ratio	Lower	Upper	
266	100		
268	64.6	54.5	81.7
264	62.6	53.8	80.6





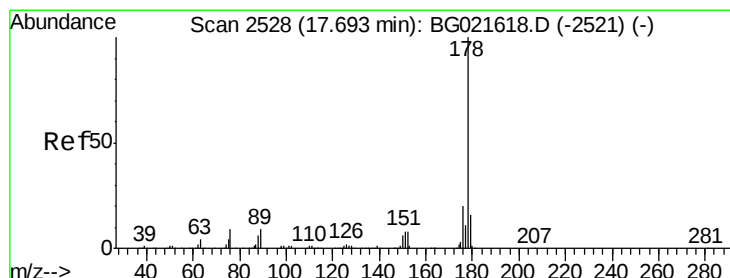
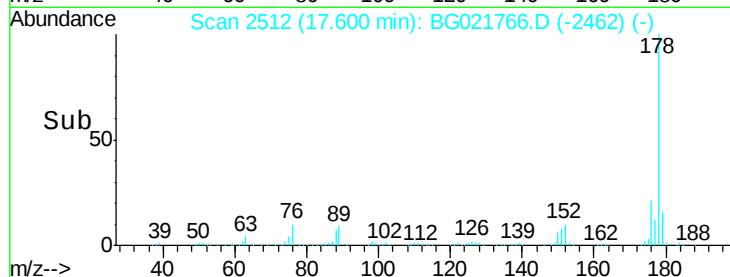
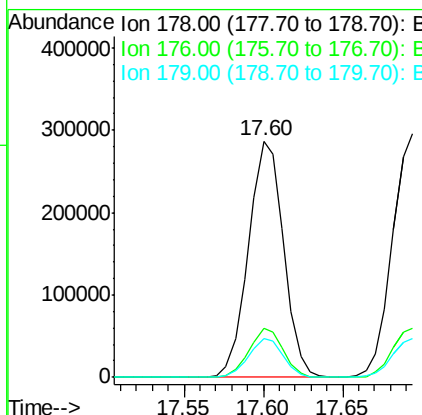
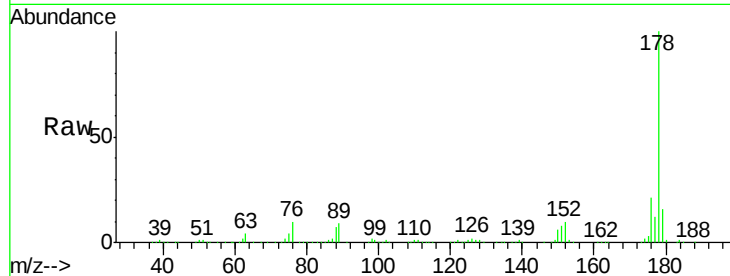
#70
Phenanthrene
Concen: 43.71 ng
RT: 17.60 min Scan# 2512
Delta R.T. -0.00 min
Lab File: BG021766.D
Acq: 19 Apr 2016 22:17

Instrument :
BNA_G
ClientSampleId :
EUT01-TU-B2(9-13)-CMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.2	24.4
179	16.3	12.0	18.0

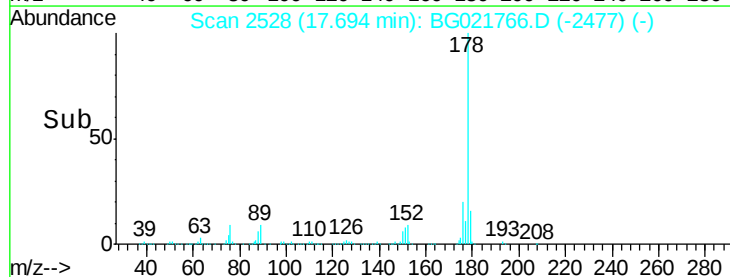
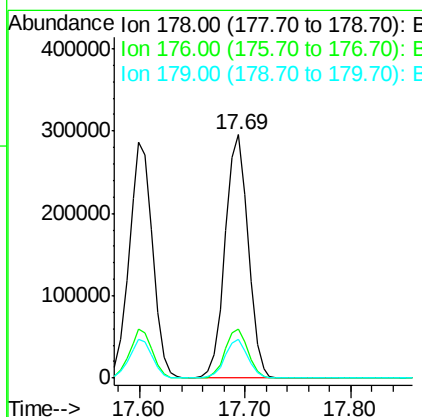
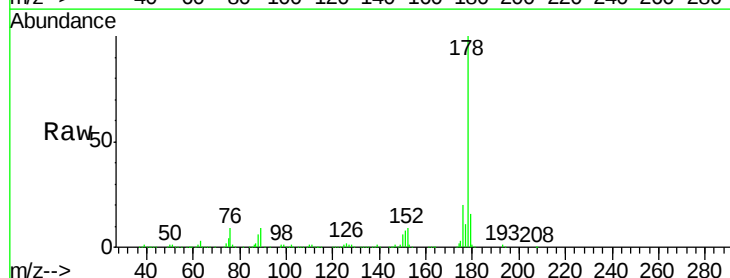
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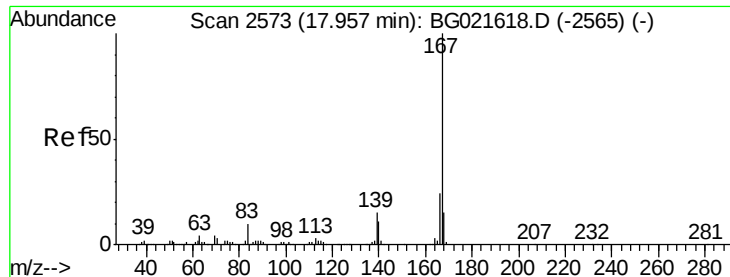
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#71
Anthracene
Concen: 43.50 ng
RT: 17.69 min Scan# 2528
Delta R.T. 0.00 min
Lab File: BG021766.D
Acq: 19 Apr 2016 22:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.0	22.4
179	15.9	12.2	18.4





#72

Carbazole

Concen: 42.83 ng

RT: 17.96 min Scan# 2573

Delta R.T. 0.00 min

Lab File: BG021766.D

Acq: 19 Apr 2016 22:17

Instrument :

BNA_G

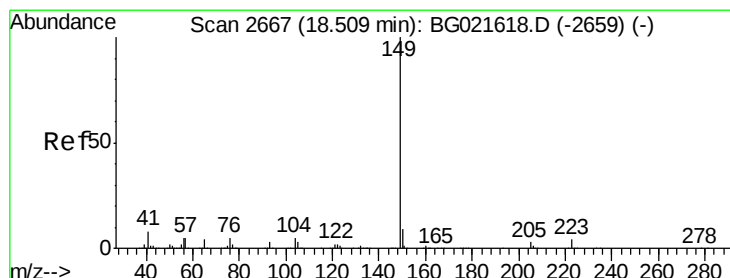
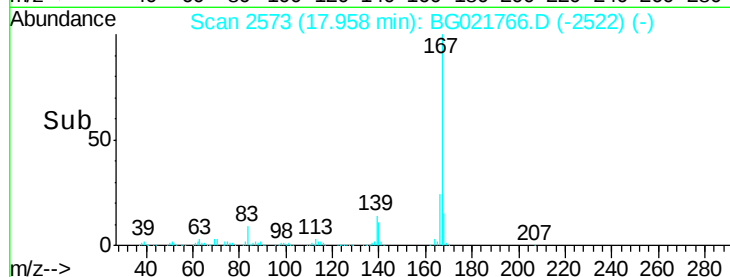
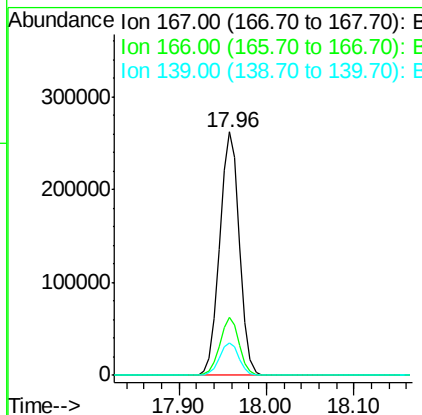
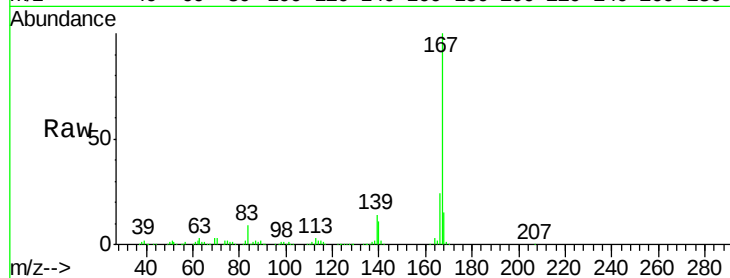
ClientSampleId :

EUT01-TU-B2(9-13)-CMSD

Tot Ion:	167	Resp:	409603
Ion Ratio		Lower	Upper
167	100		
166	23.9	18.6	27.8
139	13.5	10.6	15.8

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#73

Di-n-butylphthalate

Concen: 40.44 ng

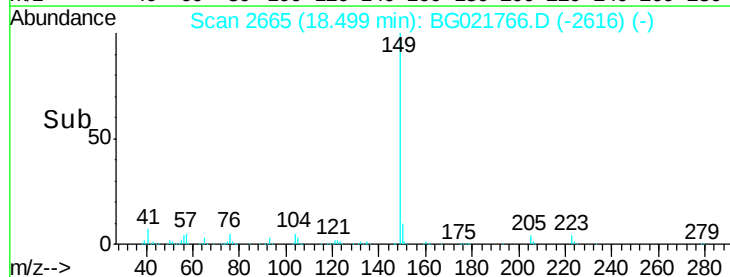
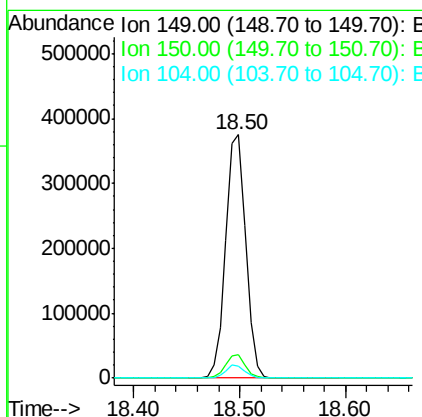
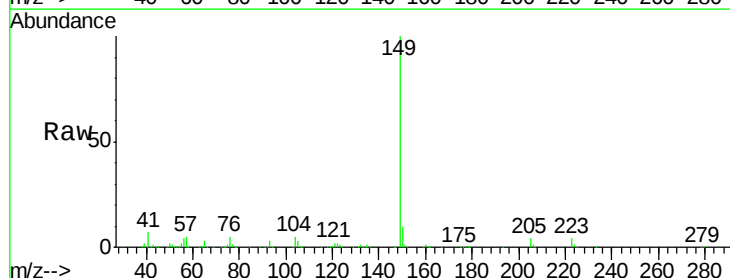
RT: 18.50 min Scan# 2665

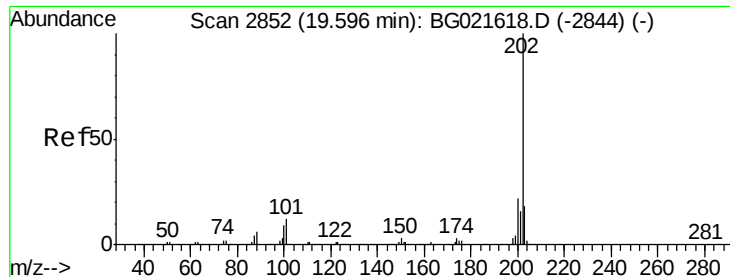
Delta R.T. -0.01 min

Lab File: BG021766.D

Acq: 19 Apr 2016 22:17

Tgt Ion:	149	Resp:	491886
Ion Ratio		Lower	Upper
149	100		
150	9.7	7.4	11.0
104	5.1	4.0	6.0





#74

Fluoranthene

Concen: 40.95 ng

RT: 19.60 min Scan# 2852

Delta R.T. 0.00 min

Lab File: BG021766.D

Acq: 19 Apr 2016 22:17

Instrument :

BNA_G

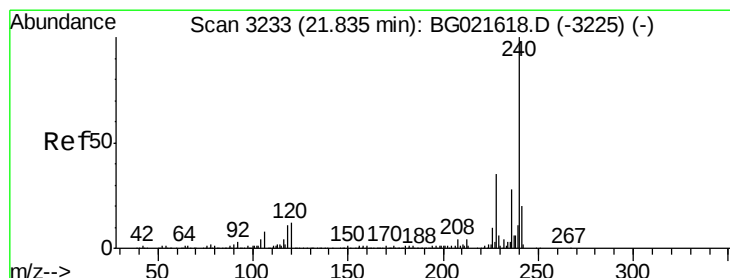
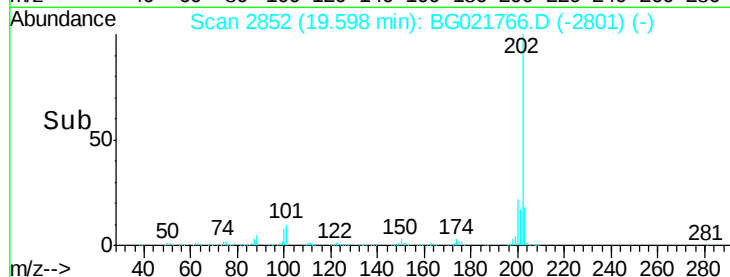
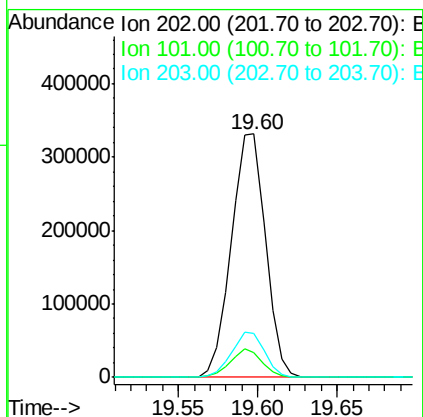
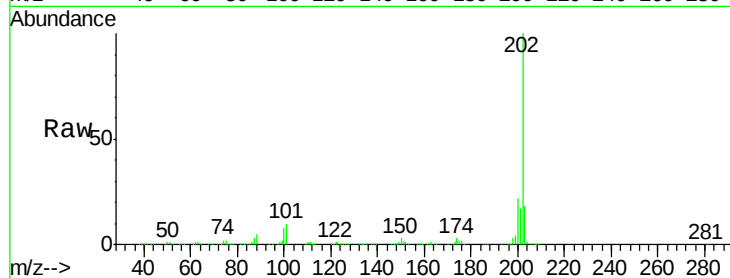
ClientSampleId :

EUT01-TU-B2(9-13)-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	493541		
101	10.3	0.0	31.0	
203	17.9	0.0	37.9	

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#75

Chrysene-d12

Concen: 20.00 ng

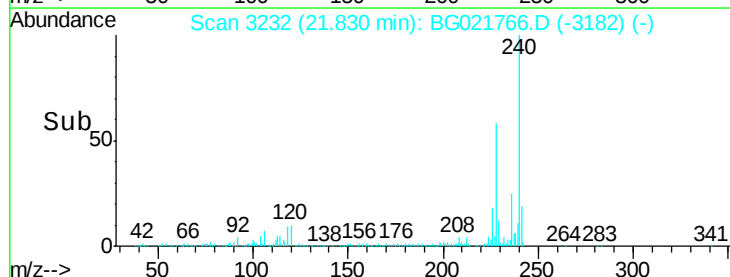
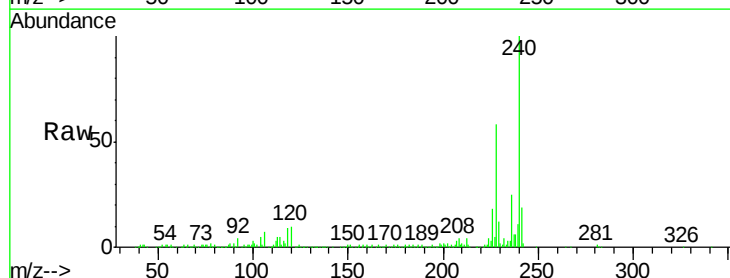
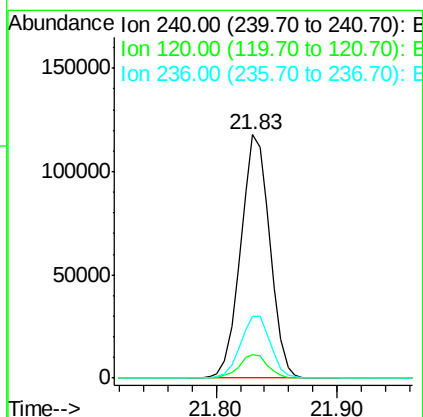
RT: 21.83 min Scan# 3232

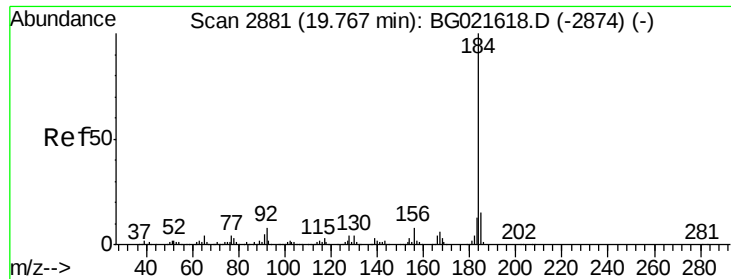
Delta R.T. -0.00 min

Lab File: BG021766.D

Acq: 19 Apr 2016 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	198549		
120	9.6	8.4	12.6	
236	25.3	19.6	29.4	





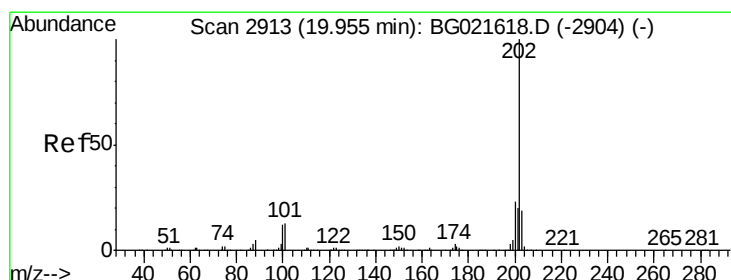
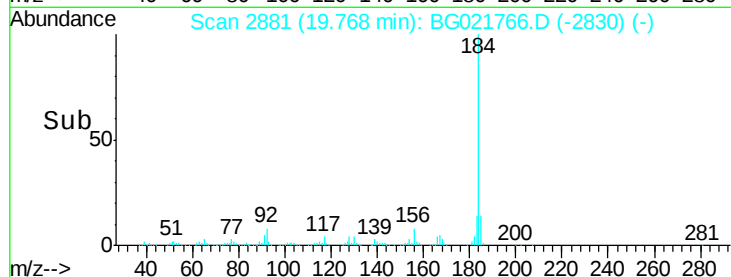
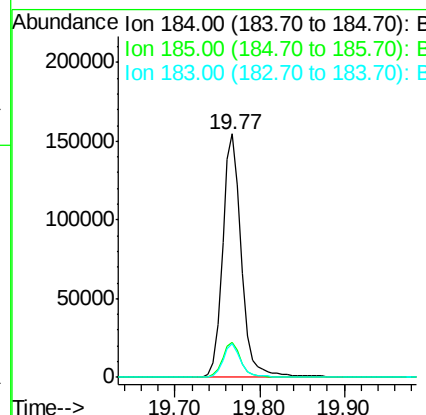
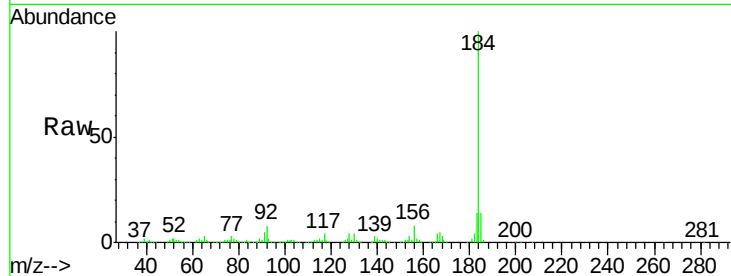
#76
Benzidine
Concen: 38.94 ng
RT: 19.77 min Scan# 2881
Delta R.T. 0.00 min
Lab File: BG021766.D
Acq: 19 Apr 2016 22:17

Instrument :
BNA_G
ClientSampleId :
EUT01-TU-B2(9-13)-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	240735		
185	14.4		11.5	17.3
183	13.7		10.2	15.4

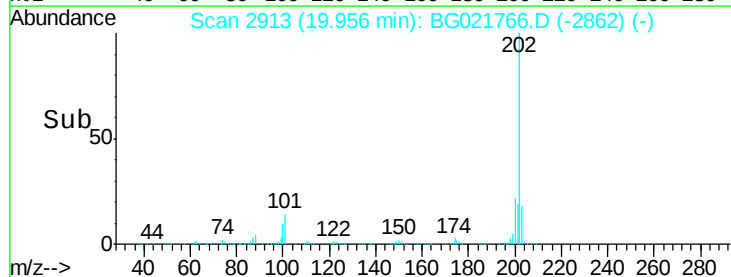
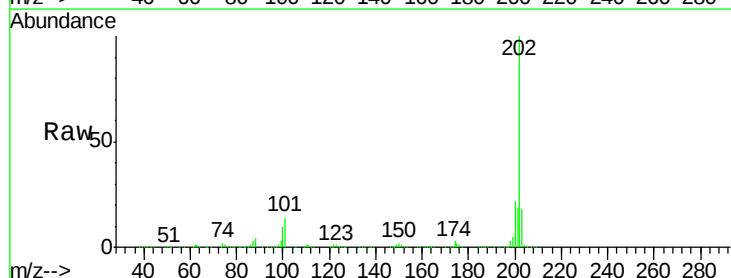
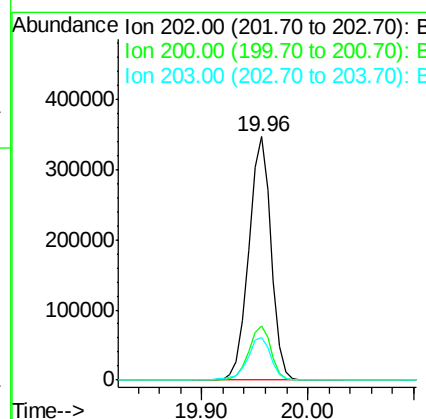
Manual Integrations
APPROVED

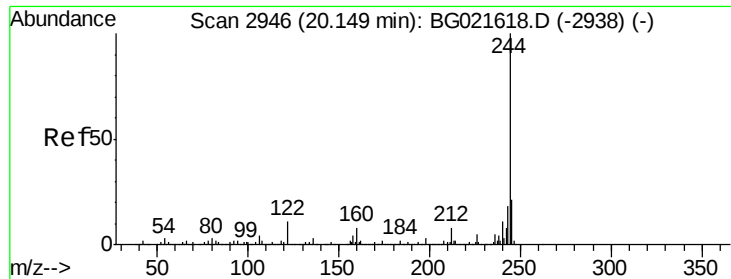
Sohil
4/20/2016 1:38:45 PM



#77
Pyrene
Concen: 44.29 ng
RT: 19.96 min Scan# 2913
Delta R.T. 0.00 min
Lab File: BG021766.D
Acq: 19 Apr 2016 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	507073		
200	22.4		18.2	27.2
203	17.6		15.0	22.4





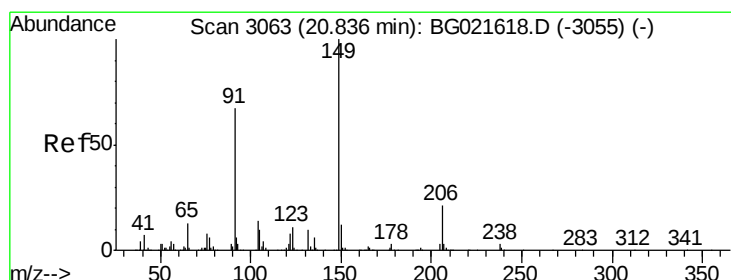
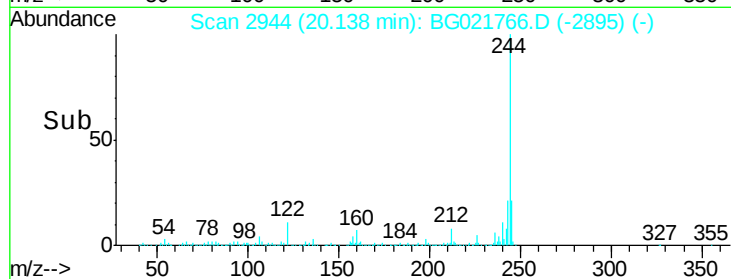
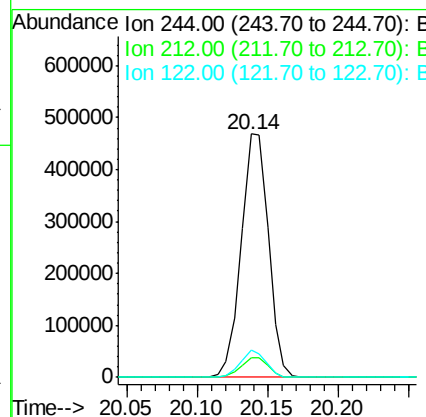
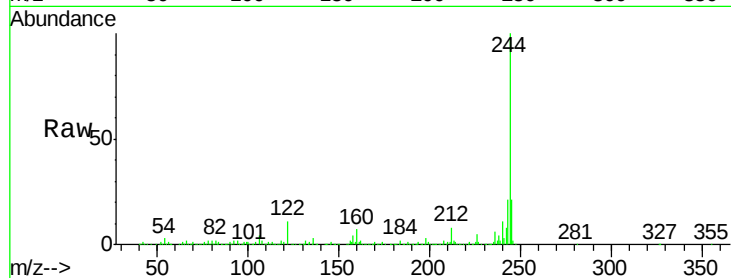
#78
 Terphenyl-d14
 Concen: 79.53 ng
 RT: 20.14 min Scan# 2944
 Delta R.T. -0.01 min
 Lab File: BG021766.D
 Acq: 19 Apr 2016 22:17

Instrument :
 BNA_G
 ClientSampleId :
 EUT01-TU-B2(9-13)-CMSD

Tot Ion:	244	Resp:	632799
Ion Ratio	Lower	Upper	
244	100		
212	7.8	6.5	9.7
122	11.1	8.6	12.8

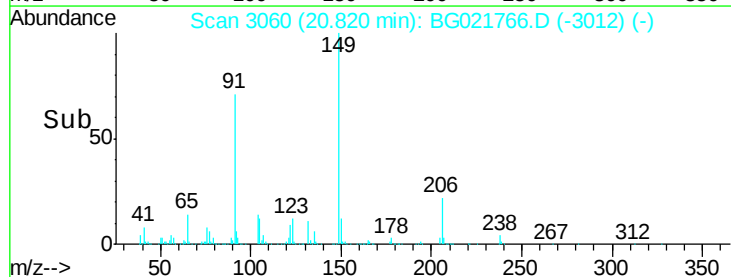
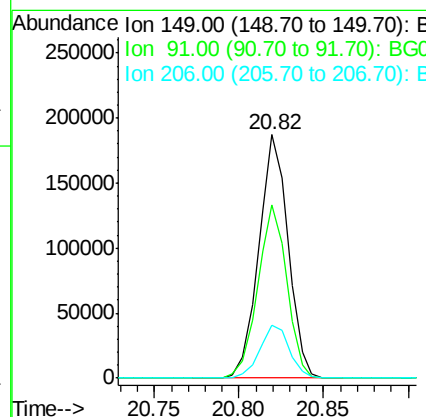
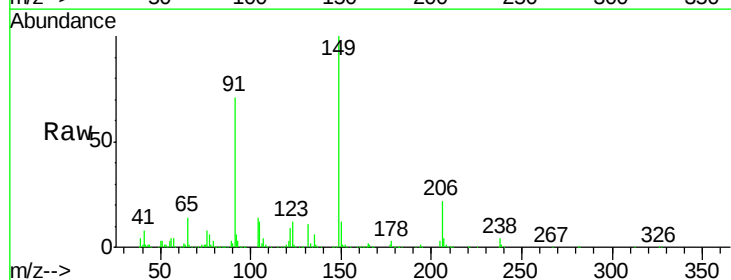
Manual Integrations
 APPROVED

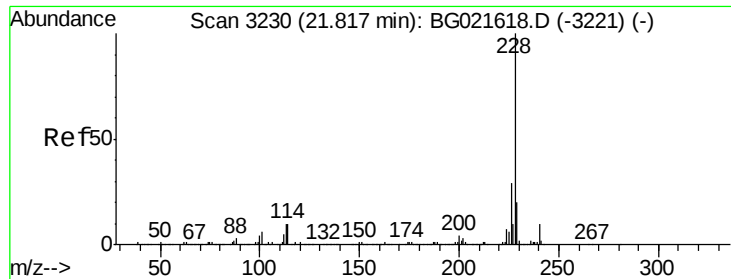
Sohil
 4/20/2016 1:38:45 PM



#79
 Butylbenzylphthalate
 Concen: 42.57 ng
 RT: 20.82 min Scan# 3060
 Delta R.T. -0.02 min
 Lab File: BG021766.D
 Acq: 19 Apr 2016 22:17

Tgt Ion:	149	Resp:	226247
Ion Ratio	Lower	Upper	
149	100		
91	71.0	57.8	86.8
206	21.7	17.0	25.4





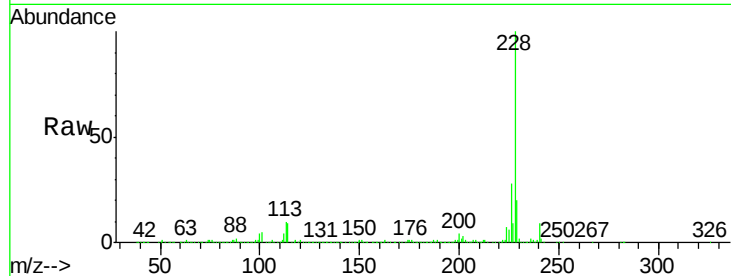
#80
Benzo(a)anthracene
Concen: 43.58 ng
RT: 21.81 min Scan# 3229
Delta R.T. -0.00 min
Lab File: BG021766.D
Acq: 19 Apr 2016 22:17

Instrument :
BNA_G
ClientSampleId :
EUT01-TU-B2(9-13)-CMSD

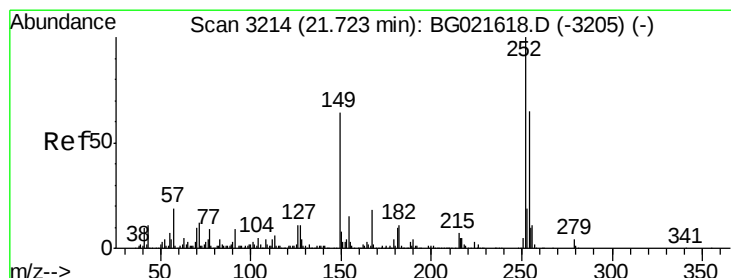
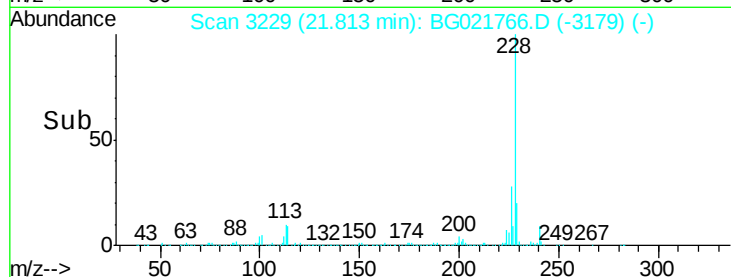
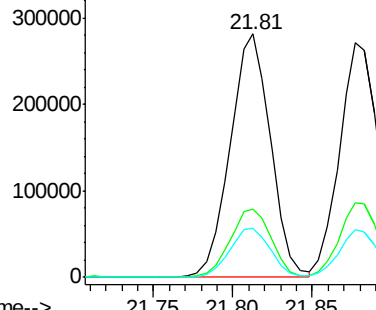
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	34.0
229	20.4	16.1	24.1

Manual Integrations
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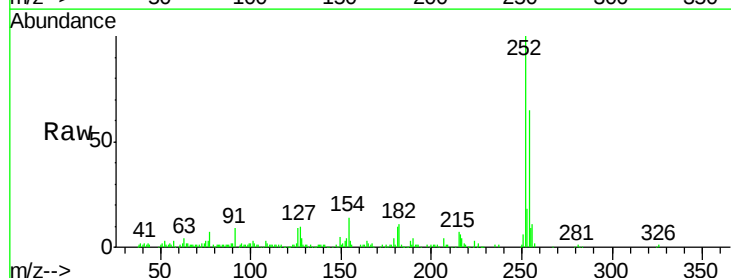


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

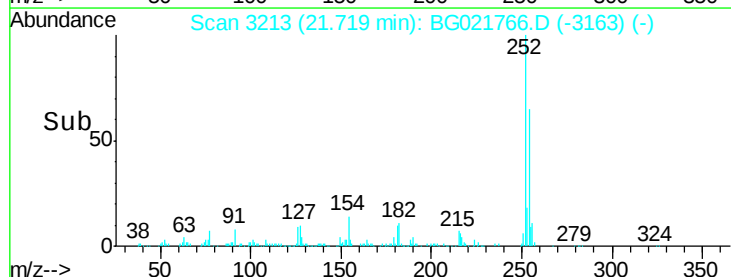
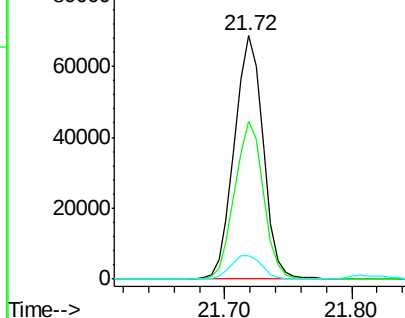


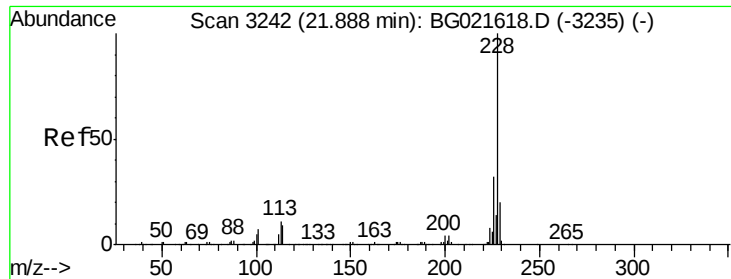
#81
3,3'-Dichlorobenzidine
Concen: 11.90 ng
RT: 21.72 min Scan# 3213
Delta R.T. -0.00 min
Lab File: BG021766.D
Acq: 19 Apr 2016 22:17

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.8	77.6
126	9.5	8.8	13.2



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





#82

Chrysene

Concen: 41.66 ng

RT: 21.88 min Scan# 3240

Delta R.T. -0.01 min

Lab File: BG021766.D

Acq: 19 Apr 2016 22:17

Instrument :

BNA_G

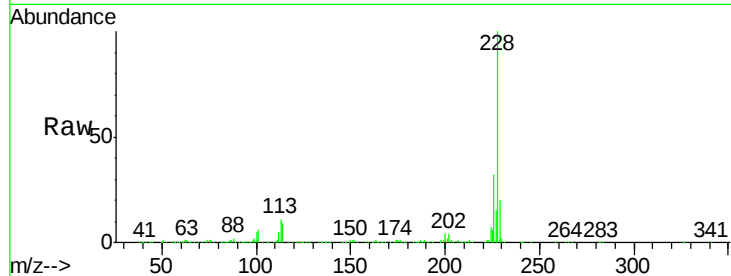
ClientSampleId :

EUT01-TU-B2(9-13)-CMSD

Tot Ion:	228	Resp:	457278
Ion Ratio	Lower	Upper	
228	100		
226	32.0	25.4	38.0
229	20.5	15.9	23.9

Manual Integrations
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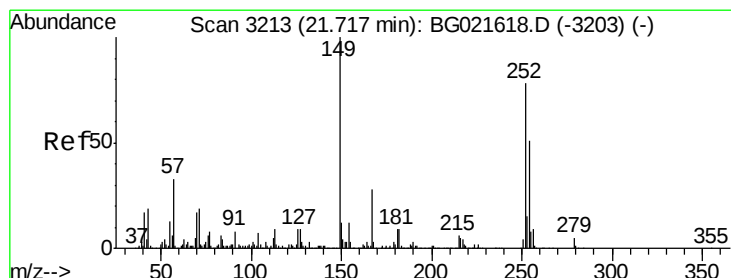
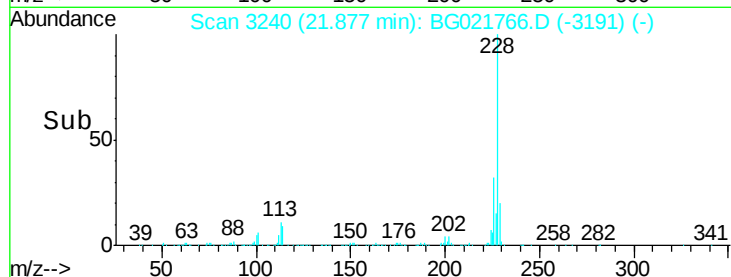
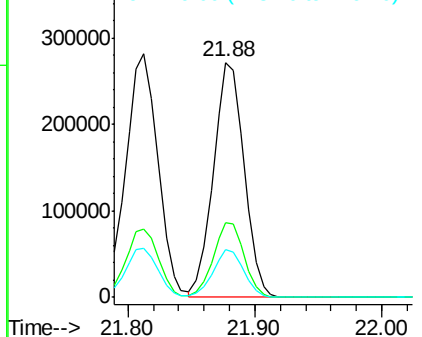
Sohil
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 41.67 ng

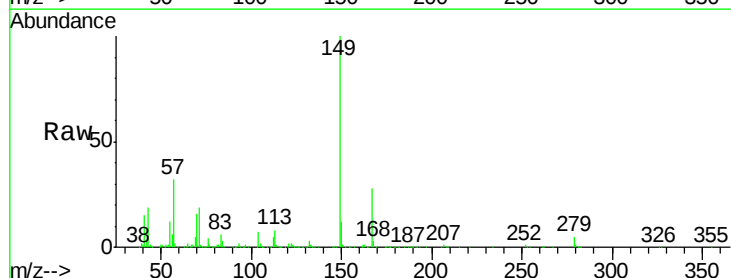
RT: 21.69 min Scan# 3208

Delta R.T. -0.03 min

Lab File: BG021766.D

Acq: 19 Apr 2016 22:17

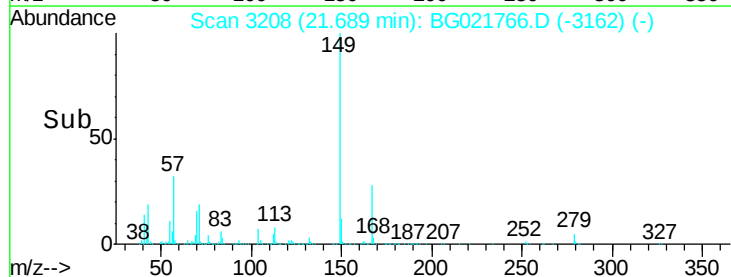
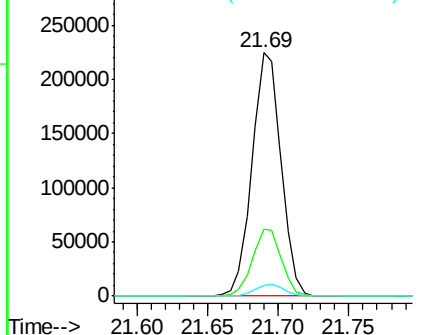
Tgt Ion:	149	Resp:	323937
Ion Ratio	Lower	Upper	
149	100		
167	27.6	22.4	33.6
279	4.6	3.2	4.8

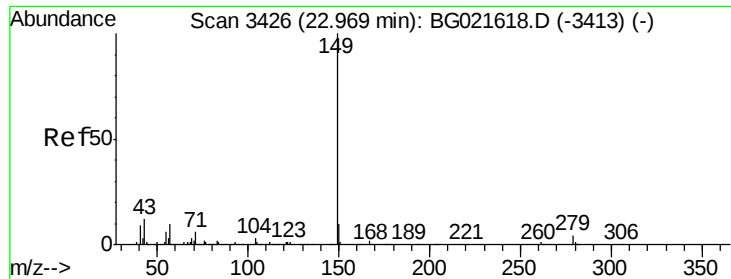


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





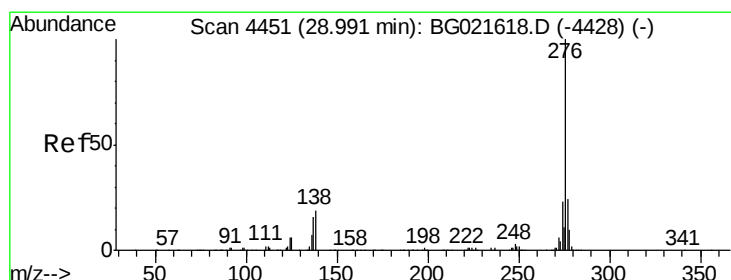
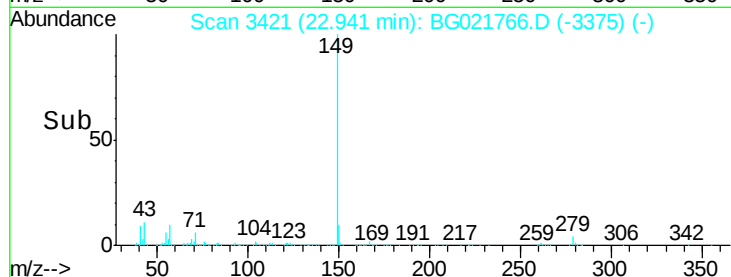
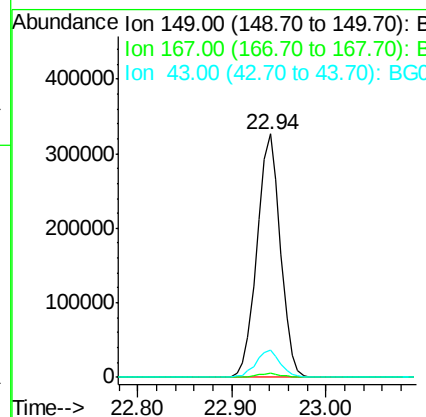
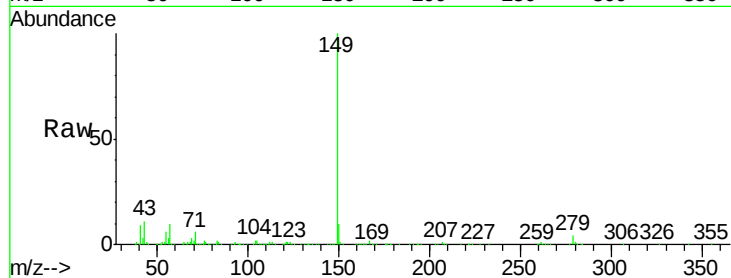
#84
Di-n-octyl phthalate
Concen: 42.94 ng
RT: 22.94 min Scan# 3421
Delta R.T. -0.03 min
Lab File: BG021766.D
Acq: 19 Apr 2016 22:17

Instrument :
BNA_G
ClientSampleId :
EUT01-TU-B2(9-13)-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.8	1.3	1.9	
43	11.2	9.8	14.6	

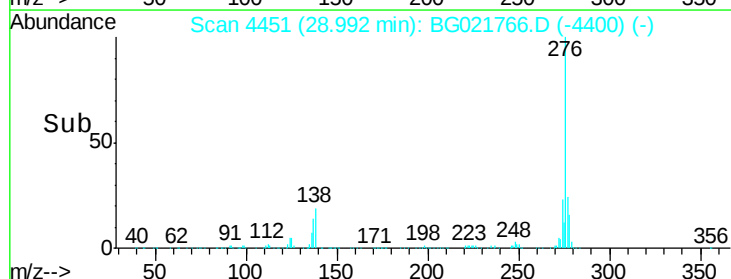
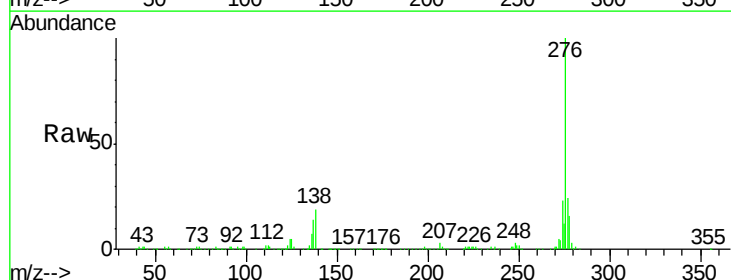
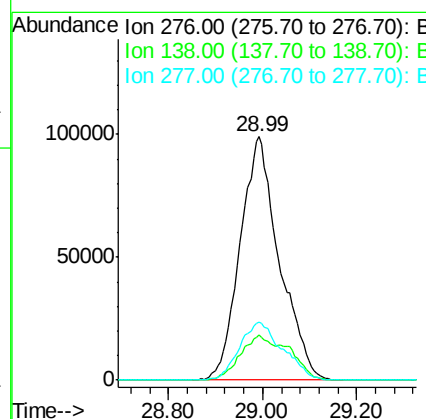
Manual Integrations
APPROVED

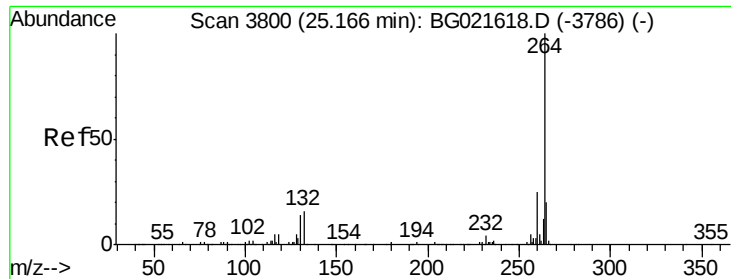
Sohil
4/20/2016 1:38:45 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 44.01 ng
RT: 28.99 min Scan# 4451
Delta R.T. 0.00 min
Lab File: BG021766.D
Acq: 19 Apr 2016 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	23.0	14.0	21.0#	
277	26.2	20.6	30.8	





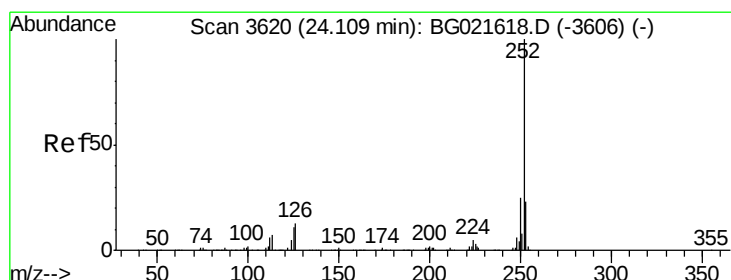
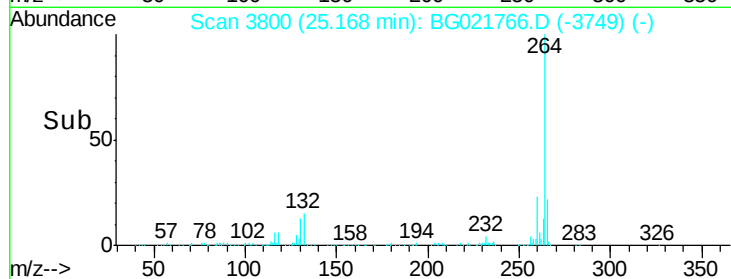
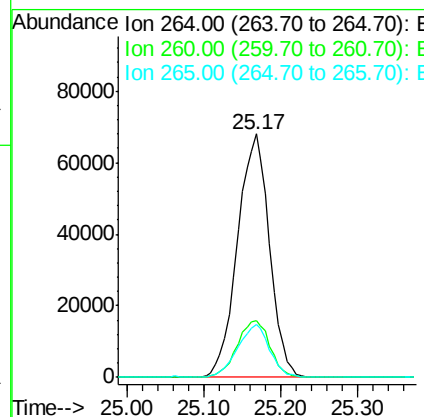
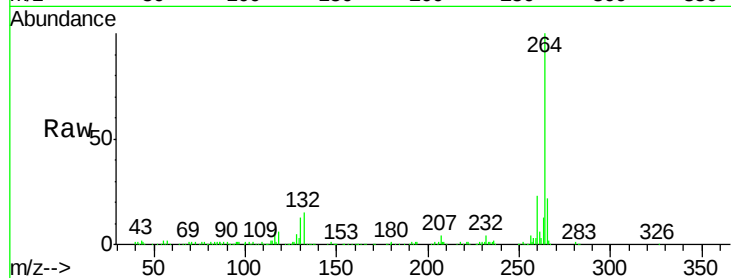
#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.17 min Scan# 3800
Delta R.T. 0.00 min
Lab File: BG021766.D
Acq: 19 Apr 2016 22:17

Instrument :
BNA_G
ClientSampleId :
EUT01-TU-B2(9-13)-CMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	20.2	30.4
265	21.7	17.8	26.8

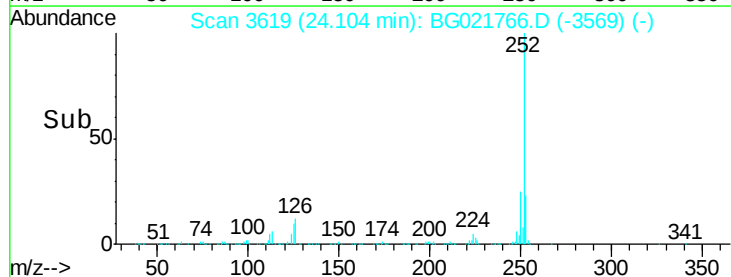
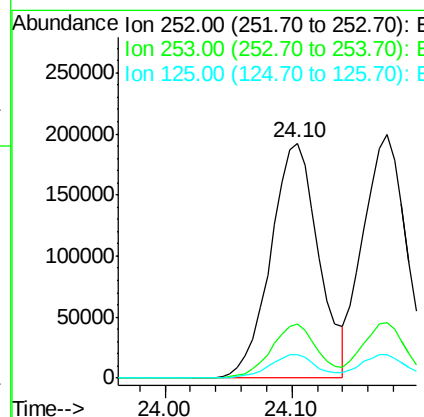
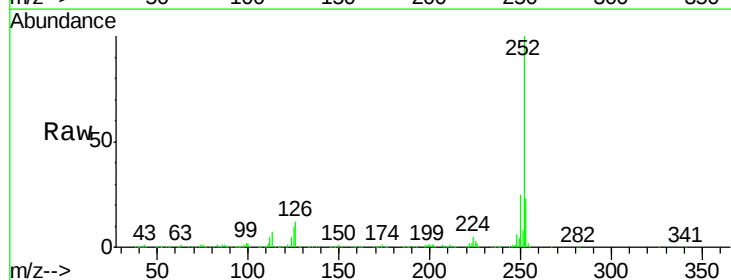
Manual Integrations
APPROVED

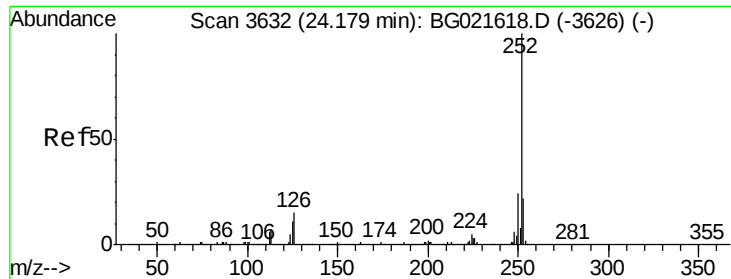
Sohil
4/20/2016 1:38:45 PM



#87
Benzo(b)fluoranthene
Concen: 44.19 ng
RT: 24.10 min Scan# 3619
Delta R.T. -0.00 min
Lab File: BG021766.D
Acq: 19 Apr 2016 22:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	9.8	8.6	13.0





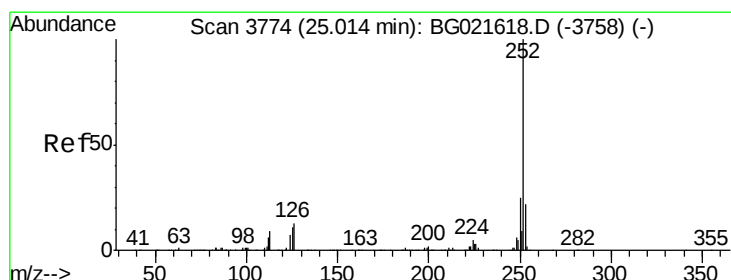
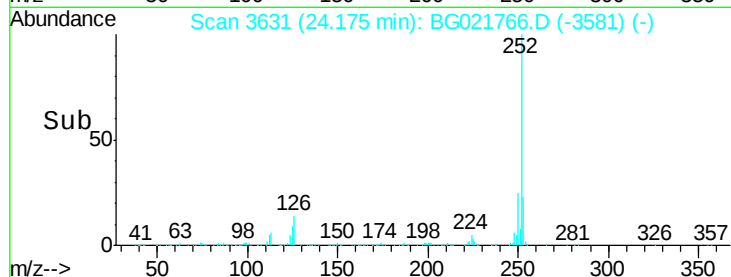
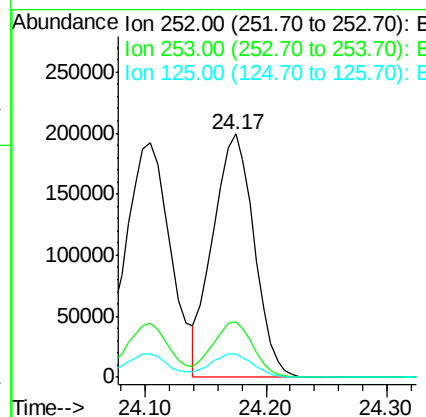
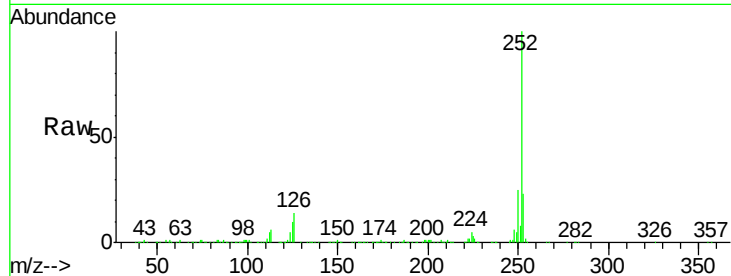
#88
Benzo(k)fluoranthene
Concen: 42.00 ng
RT: 24.17 min Scan# 3631
Delta R.T. -0.00 min
Lab File: BG021766.D
Acq: 19 Apr 2016 22:17

Instrument :
BNA_G
ClientSampleId :
EUT01-TU-B2(9-13)-CMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	9.5	8.3	12.5

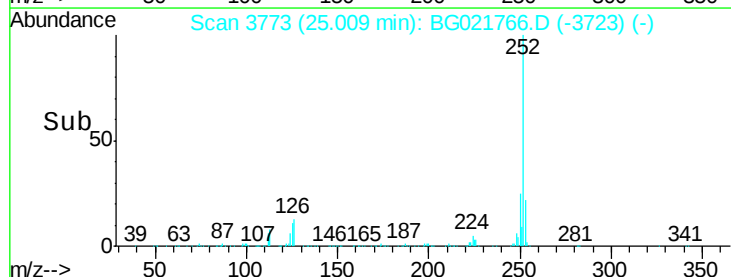
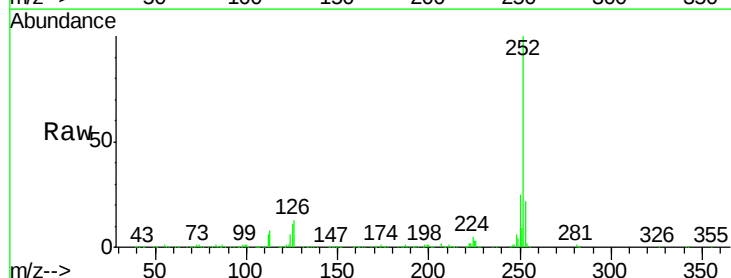
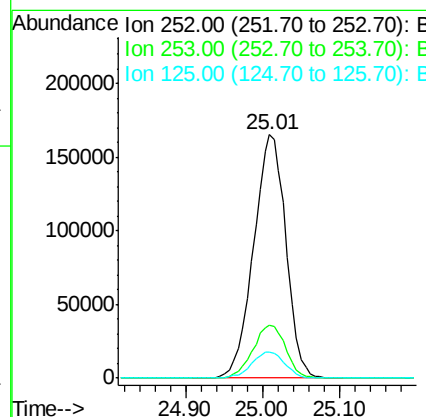
Manual Integrations
APPROVED

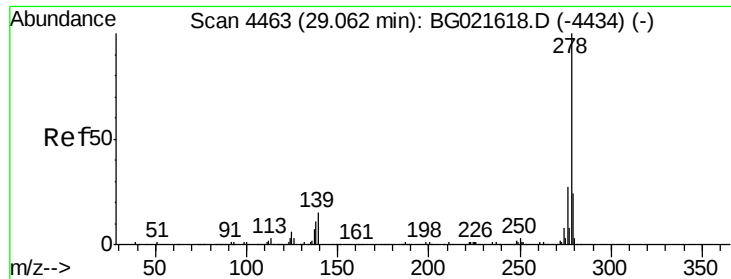
Sohil
4/20/2016 1:38:45 PM



#89
Benzo(a)pyrene
Concen: 43.57 ng
RT: 25.01 min Scan# 3773
Delta R.T. -0.00 min
Lab File: BG021766.D
Acq: 19 Apr 2016 22:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	10.8	9.6	14.4





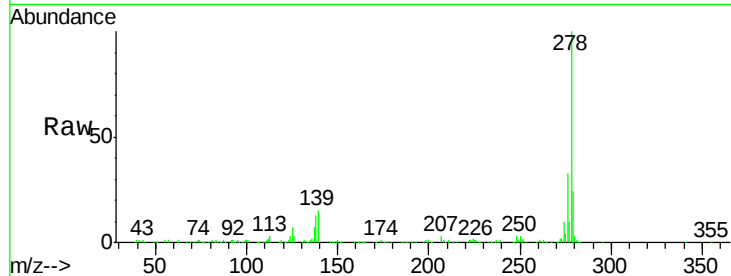
#90
Dibenzo(a,h)anthracene
Concen: 43.35 ng
RT: 29.06 min Scan# 4462
Delta R.T. -0.00 min
Lab File: BG021766.D
Acq: 19 Apr 2016 22:17

Instrument :
BNA_G
ClientSampleId :
EUT01-TU-B2(9-13)-CMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.2	11.9	17.9
279	24.4	18.2	27.2

Manual Integrations
APPROVED

Sohil
4/20/2016 1:38:45 PM

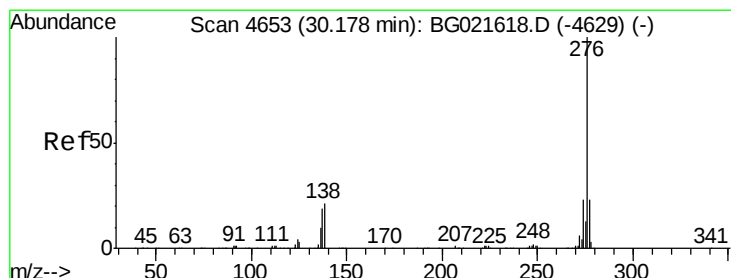
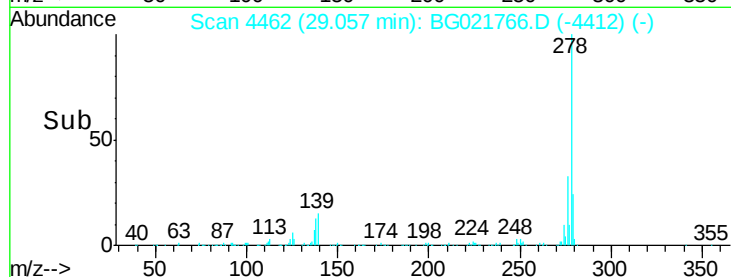
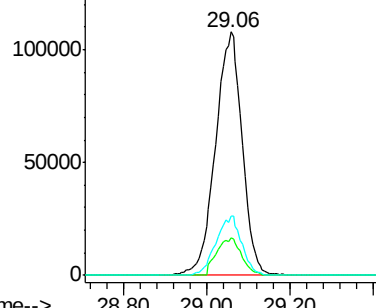


Abundance

Ion 278.00 (277.70 to 278.70): E

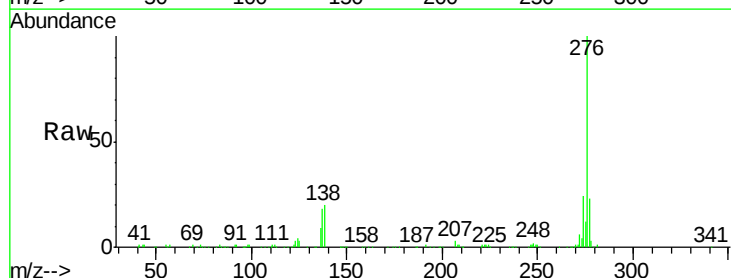
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 43.34 ng
RT: 30.19 min Scan# 4654
Delta R.T. 0.01 min
Lab File: BG021766.D
Acq: 19 Apr 2016 22:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.4	29.2
138	19.9	17.4	26.0



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

