

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032317\
 Data File : BG026409.D
 Acq On : 23 Mar 2017 19:12
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

mohammad
 3/24/2017 12:17:48 PM

Quant Time: Mar 24 01:36:51 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	203794	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	874176	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	595691	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	1283586	20.00	ng	0.00
75) Chrysene-d12	21.63	240	1439064	20.00	ng	0.00
86) Perylene-d12	24.81	264	1528514	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	916195	79.79	ng	0.00
7) Phenol-d6	7.21	99	1193437	77.42	ng	0.00
23) Nitrobenzene-d5	9.21	82	1026732	70.62	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	533272	78.17	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	2605469	61.34	ng	0.00
78) Terphenyl-d14	19.98	244	3900345	65.82	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	199527	38.71	ng	# 68
3) Pyridine	3.91	79	542176	38.41	ng	# 61
4) n-Nitrosodimethylamine	3.82	42	141891	36.78	ng	# 1
6) Aniline	7.37	93	802671	38.98	ng	# 86
8) 2-Chlorophenol	7.61	128	525566	40.65	ng	# 80
9) Benzaldehyde	7.18	77	280163	26.92	ng	# 68
10) Phenol	7.24	94	643384	39.11	ng	# 68
11) bis(2-Chloroethyl)ether	7.46	93	517427	38.36	ng	# 80
12) 1,3-Dichlorobenzene	7.93	146	627368	40.76	ng	# 87
13) 1,4-Dichlorobenzene	8.08	146	640998m	41.17	ng	
14) 1,2-Dichlorobenzene	8.40	146	605856	40.66	ng	# 91
15) Benzyl Alcohol	8.28	79	388613	38.45	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	8.57	45	503974	33.64	ng	79
17) 2-Methylphenol	8.48	107	465254	39.82	ng	# 80
18) Hexachloroethane	9.12	117	205453	40.35	ng	93
19) n-Nitroso-di-n-propylamine	8.85	70	365221	36.85	ng	# 69
20) 3+4-Methylphenols	8.81	107	651083	40.48	ng	84
22) Acetophenone	8.86	105	786354	39.12	ng	# 73
24) Nitrobenzene	9.25	77	538008	37.48	ng	# 67
25) Isophorone	9.77	82	1047929	38.24	ng	# 88
26) 2-Nitrophenol	9.96	139	326974	43.78	ng	# 59
27) 2,4-Dimethylphenol	10.02	122	508394	41.47	ng	85
28) bis(2-Chloroethoxy)methane	10.25	93	686442	38.56	ng	# 96
29) 2,4-Dichlorophenol	10.49	162	539724	43.53	ng	93
30) 1,2,4-Trichlorobenzene	10.71	180	584640	41.97	ng	99
31) Naphthalene	10.89	128	1720267	38.92	ng	99
32) Benzoic acid	10.17	122	419809	44.50	ng	# 71
33) 4-Chloroaniline	11.00	127	747195	41.56	ng	# 80
34) Hexachlorobutadiene	11.18	225	346427	42.16	ng	98
35) Caprolactam	11.78	113	206588	42.29	ng	# 48
36) 4-Chloro-3-methylphenol	12.12	107	544125	41.02	ng	# 73
37) 2-Methylnaphthalene	12.49	142	1301241	40.19	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	649387	36.23	ng	97
40) Hexachlorocyclopentadiene	12.84	237	350411	37.14	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	433162	36.91	nq	98
43) 2,4,5-Trichlorophenol	13.17	196	489374	37.73	nq	# 91
45) 1,1'-Biphenyl	13.49	154	1664091	33.73	nq	99
46) 2-Chloronaphthalene	13.54	162	1237081	34.33	nq	96
47) 2-Nitroaniline	13.73	65	344533	33.62	nq	# 55
48) Acenaphthylene	14.38	152	2144121	34.14	nq	99
49) Dimethylphthalate	14.11	163	1558670	34.67	nq	98
50) 2,6-Dinitrotoluene	14.22	165	398830	38.01	nq	# 58
51) Acenaphthene	14.72	154	1330700	34.40	nq	98
52) 3-Nitroaniline	14.55	138	440264	38.10	nq	# 66
53) 2,4-Dinitrophenol	14.77	184	255114	41.91	nq	# 71
54) Dibenzofuran	15.05	168	1867022	34.28	nq	90
55) 4-Nitrophenol	14.87	139	363238	38.39	nq	# 38
56) 2,4-Dinitrotoluene	15.01	165	561471	38.04	nq	# 67
57) Fluorene	15.69	166	1681433	34.70	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.28	232	424424	37.52	nq	# 95
59) Diethylphthalate	15.46	149	1594817	34.70	nq	98
60) 4-Chlorophenyl-phenylether	15.68	204	824501	35.90	nq	89
61) 4-Nitroaniline	15.72	138	472177	38.63	nq	# 49
62) Azobenzene	15.98	77	1195783	32.00	nq	76
64) 4,6-Dinitro-2-methylphenol	15.78	198	373357	46.14	nq	85
65) n-Nitrosodiphenylamine	15.89	169	1464694	38.88	nq	97
66) 4-Bromophenyl-phenylether	16.57	248	563119	42.62	nq	95
67) Hexachlorobenzene	16.70	284	589956	41.86	nq	89
68) Atrazine	16.84	200	560447	39.30	nq	97
69) Pentachlorophenol	17.04	266	390467	42.61	nq	99
70) Phenanthrene	17.43	178	2590682	37.59	nq	99
71) Anthracene	17.51	178	2684142	38.17	nq	97
72) Carbazole	17.79	167	2770743	38.26	nq	97
73) Di-n-butylphthalate	18.33	149	2768073	37.21	nq	# 96
74) Fluoranthene	19.42	202	3067069	37.84	nq	96
76) Benzidine	19.60	184	1105887	22.29	nq	98
77) Pyrene	19.79	202	3161576	37.94	nq	95
79) Butylbenzylphthalate	20.66	149	1362658	40.87	nq	# 84
80) Benzo(a)anthracene	21.61	228	3138739	38.76	nq	97
81) 3,3'-Dichlorobenzidine	21.52	252	1275492	38.47	nq	# 99
82) Chrysene	21.68	228	2971857	38.41	nq	95
83) Bis(2-ethylhexyl)phthalate	21.51	149	1957128	38.87	nq	95
84) Di-n-octyl phthalate	22.70	149	3339920	38.86	nq	# 81
85) Indeno(1,2,3-cd)pyrene	28.45	276	4141084	43.35	nq	# 87
87) Benzo(b)fluoranthene	23.81	252	3453709	38.33	nq	# 95
88) Benzo(k)fluoranthene	23.87	252	3303888	37.81	nq	# 96
89) Benzo(a)pyrene	24.67	252	3313344	38.34	nq	# 95
90) Dibenzo(a,h)anthracene	28.50	278	3488282	39.94	nq	# 92
91) Benzo(g,h,i)perylene	29.58	276	3466470	39.39	nq	# 86

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

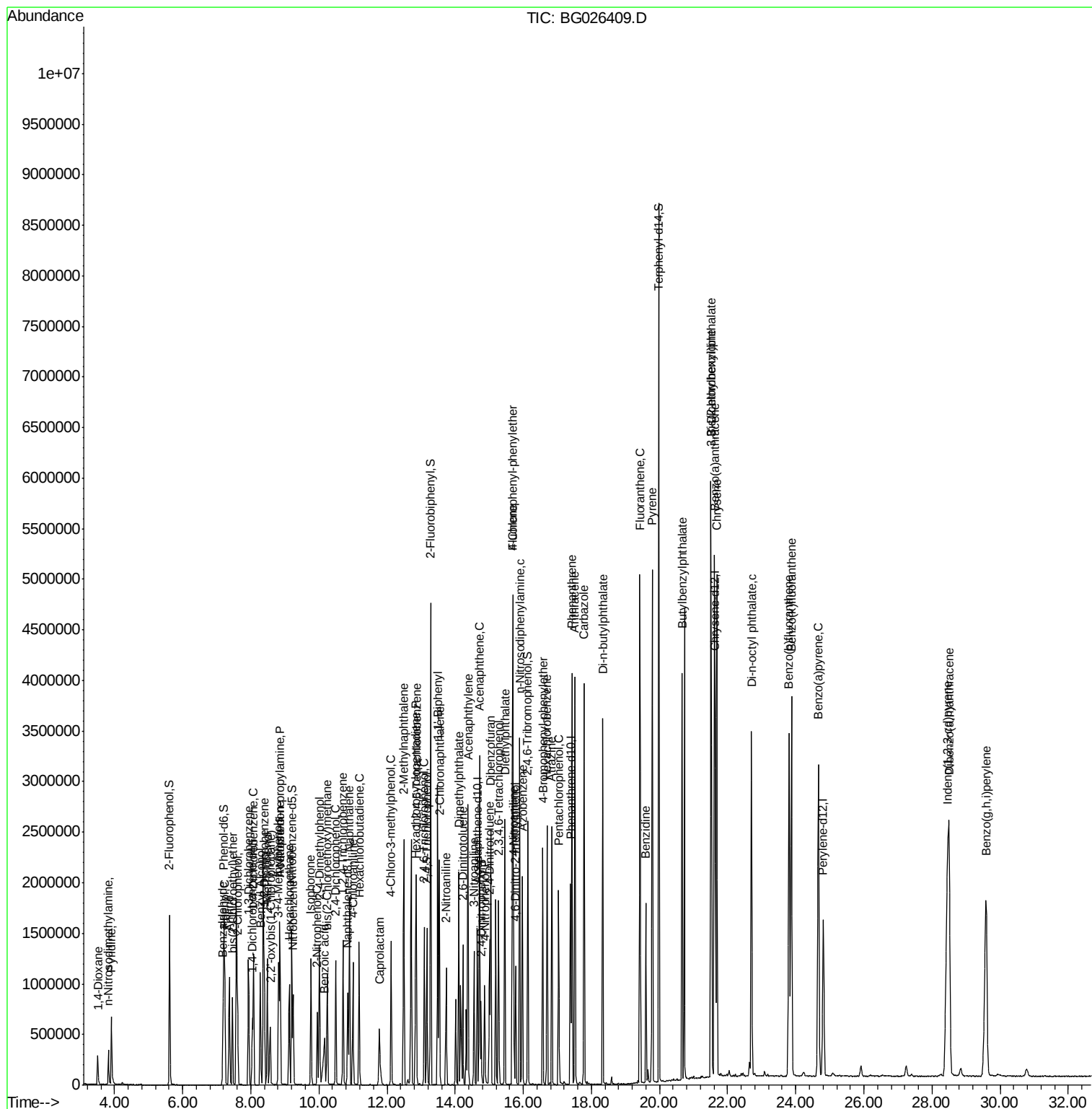
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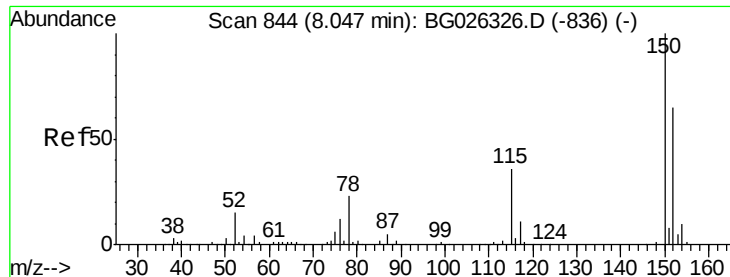
Instrument :
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#1

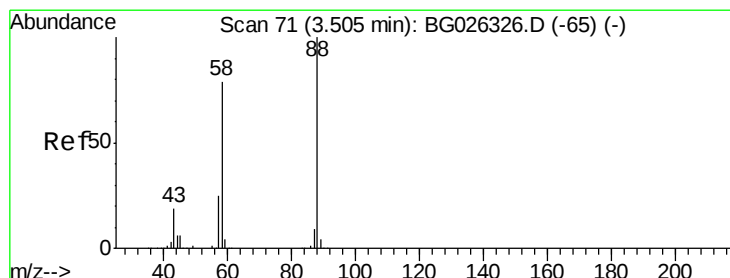
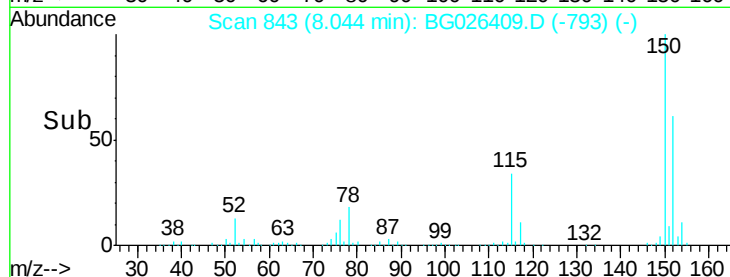
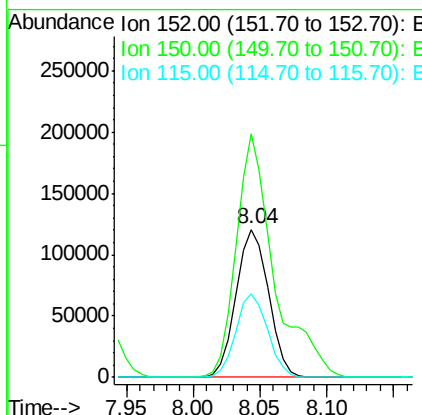
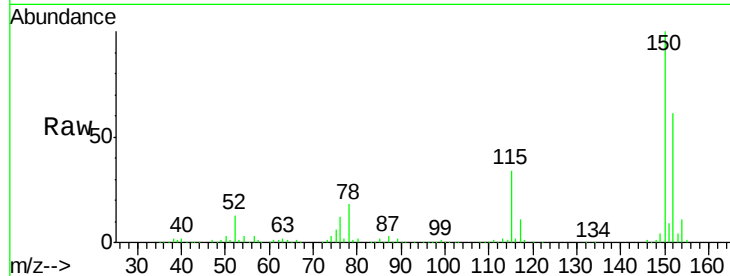
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG026409.D
Acq: 23 Mar 2017 19:12

Instrument :
BNA_G
ClientSampled :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.6	114.0	171.0
115	56.3	48.1	72.1

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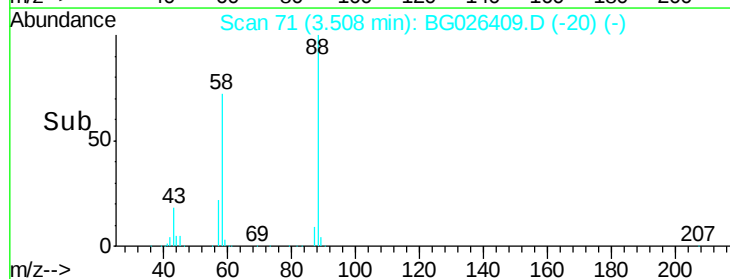
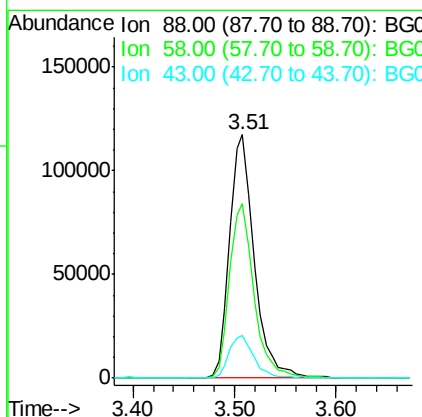
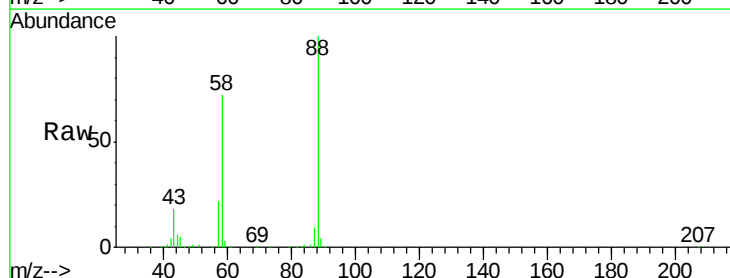
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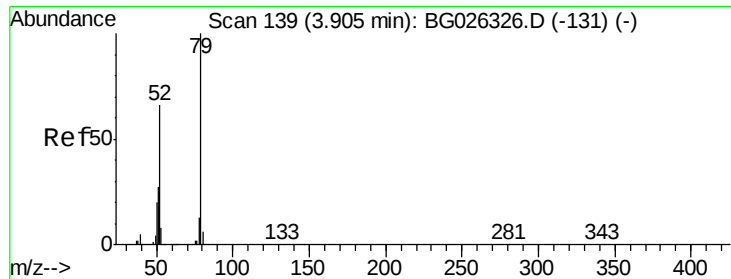


#2

1,4-Dioxane
Concen: 38.71 ng
RT: 3.51 min Scan# 71
Delta R.T. 0.00 min
Lab File: BG026409.D
Acq: 23 Mar 2017 19:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.8	79.4	119.2#
43	17.9	33.8	50.6#





#3

Pvridine

Concen: 38.41 ng

RT: 3.91 min Scan# 139

Delta R.T. 0.00 min

Lab File: BG026409.D

Acq: 23 Mar 2017 19:12

Instrument :

BNA_G

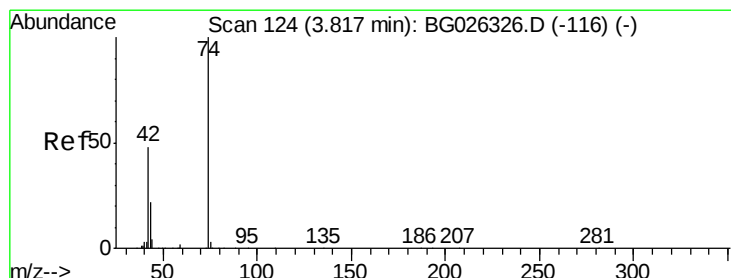
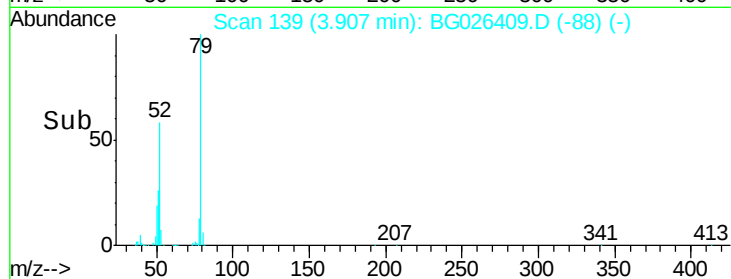
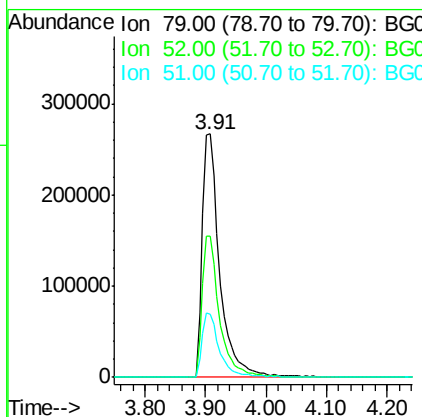
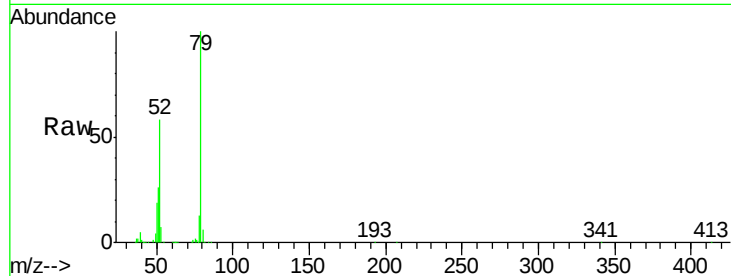
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	542176
Ion Ratio	Lower	Upper	
79	100		
52	58.1	77.8	116.6#
51	26.2	43.2	64.8#

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#4

n-Nitrosodimethylamine

Concen: 36.78 ng

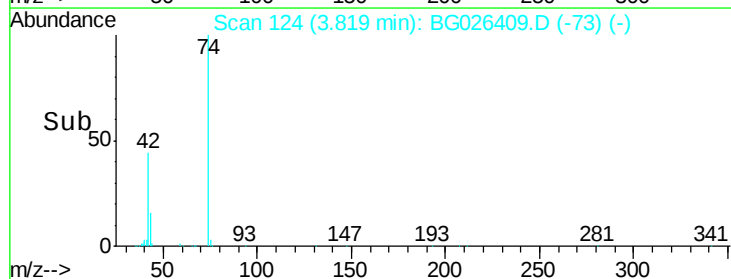
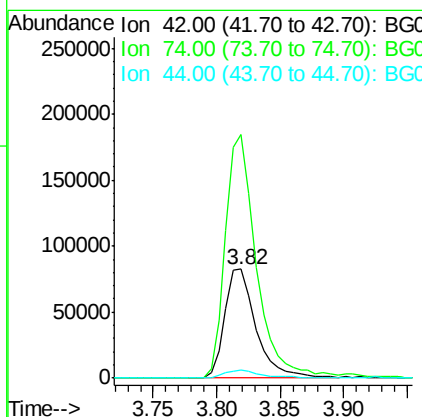
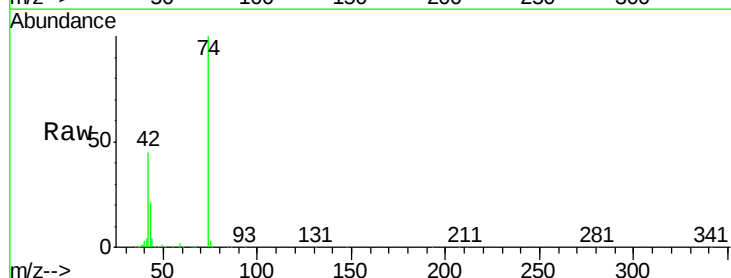
RT: 3.82 min Scan# 124

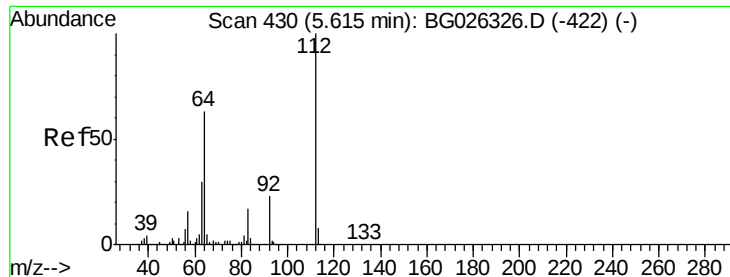
Delta R.T. 0.00 min

Lab File: BG026409.D

Acq: 23 Mar 2017 19:12

Tgt Ion:	42	Resp:	141891
Ion Ratio	Lower	Upper	
42	100		
74	223.5	76.7	115.1#
44	7.8	6.1	9.1





#5

2-Fluorophenol

Concen: 79.79 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG026409.D

Acq: 23 Mar 2017 19:12

Instrument :

BNA_G

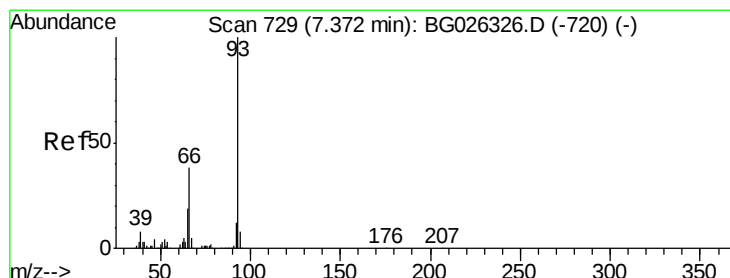
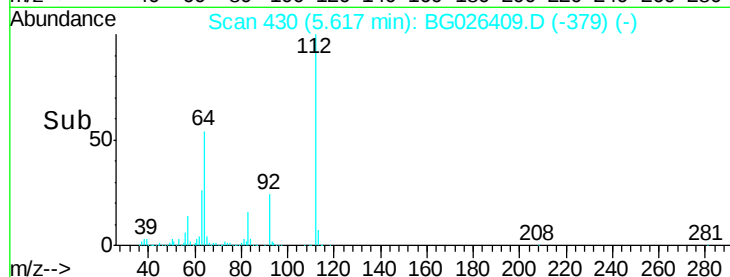
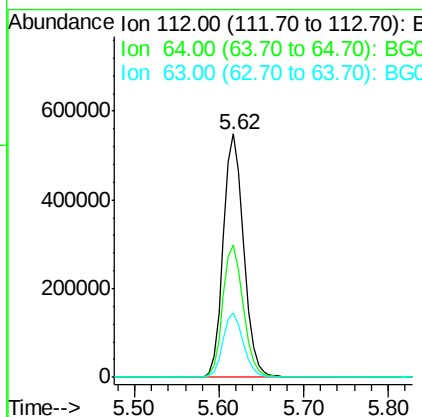
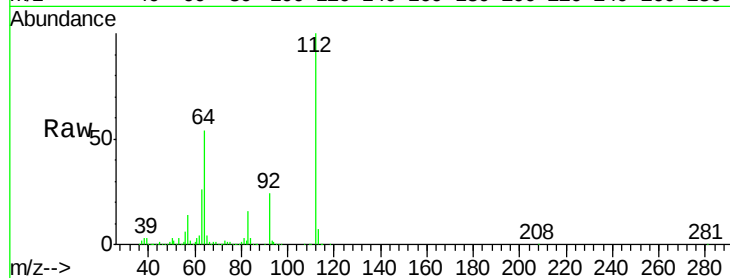
ClientSampleId :

SSTDCCC040EC

Tot Ion:	112	Resp:	916195
Ion Ratio	Lower	Upper	
112	100		
64	54.4	61.8	92.6#
63	26.4	37.2	55.8#

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#6

Aniline

Concen: 38.98 ng

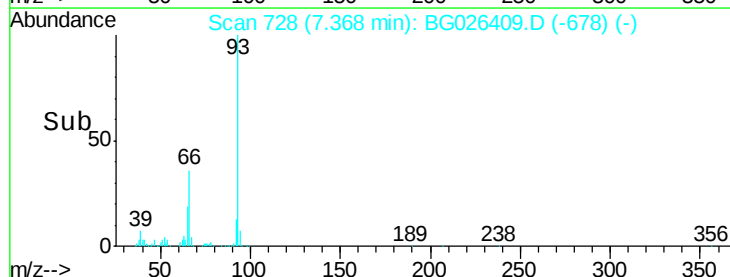
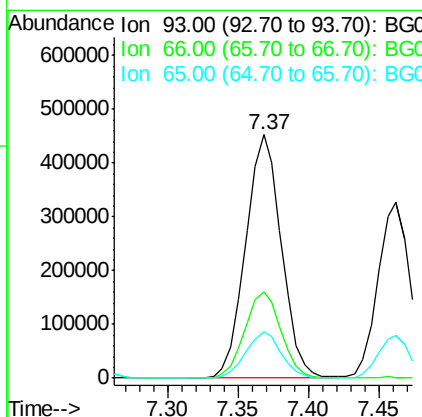
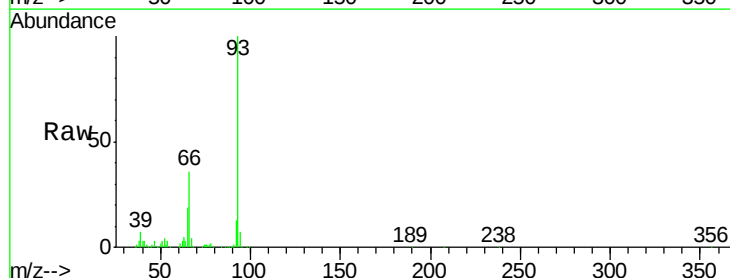
RT: 7.37 min Scan# 728

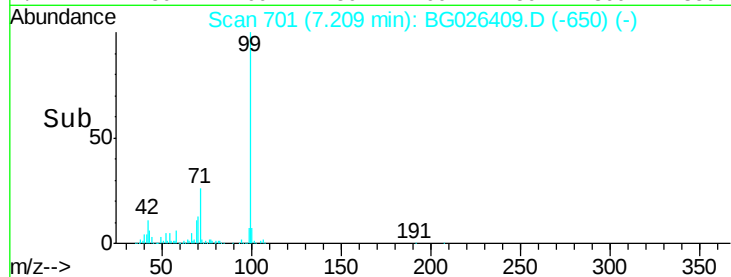
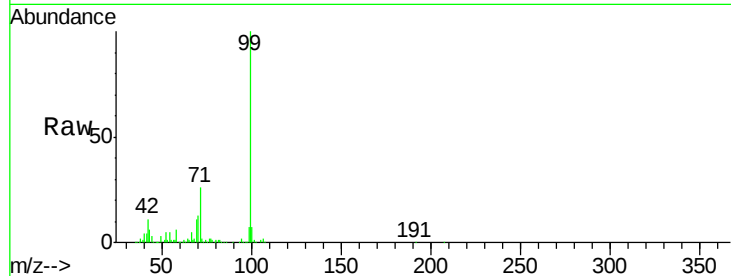
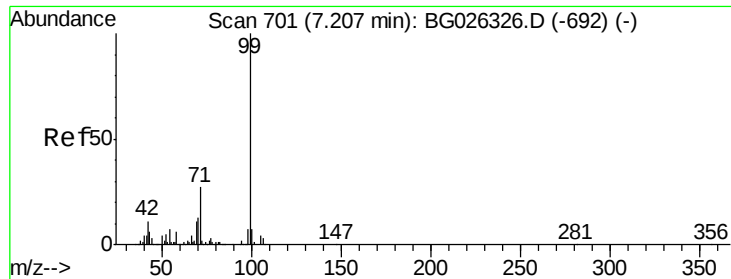
Delta R.T. -0.00 min

Lab File: BG026409.D

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Tgt Ion:	93	Resp:	802671
Ion Ratio	Lower	Upper	
93	100		
66	35.5	35.4	53.2
65	19.2	21.2	31.8#





#7

Phenol-d6

Concen: 77.42 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG026409.D

Acq: 23 Mar 2017 19:12

Tot Ion:	99	Resp:	1193437
Ion	Ratio	Lower	Upper
99	100		
42	10.6	20.5	30.7#
71	25.8	37.6	56.4#

Instrument :

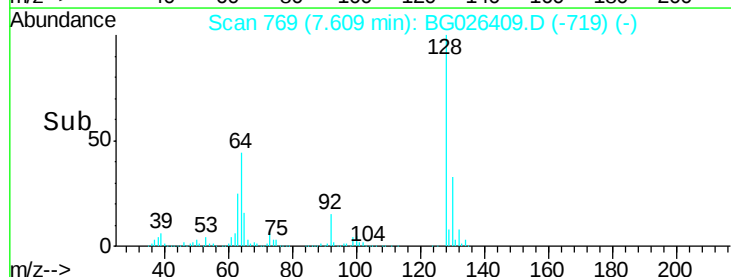
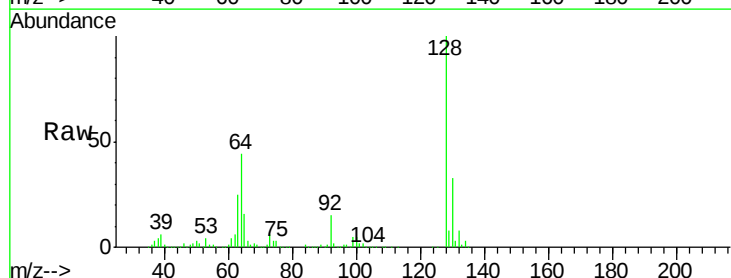
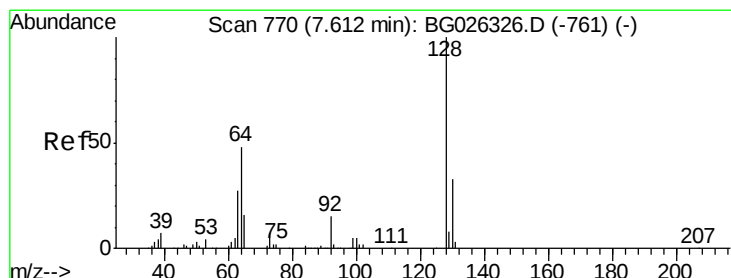
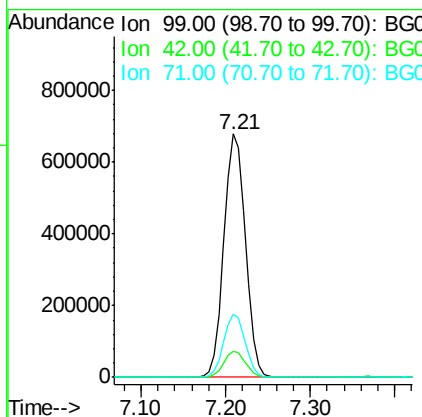
BNA_G

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#8

2-Chlorophenol

Concen: 40.65 ng

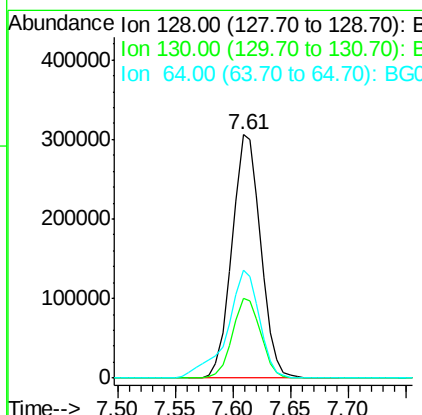
RT: 7.61 min Scan# 769

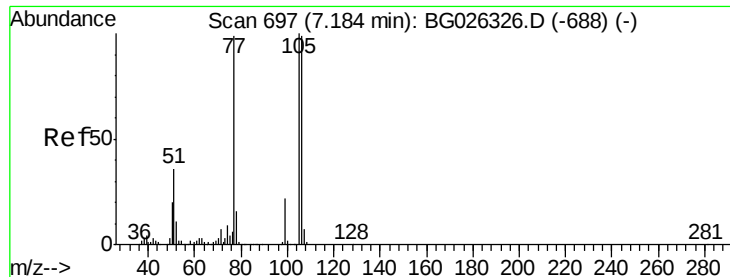
Delta R.T. -0.00 min

Lab File: BG026409.D

Acq: 23 Mar 2017 19:12

Tgt Ion:	128	Resp:	525566
Ion	Ratio	Lower	Upper
128	100		
130	32.9	11.4	51.4
64	44.3	46.6	86.6#





#9

Benzaldehyde

Concen: 26.92 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG026409.D

Acq: 23 Mar 2017 19:12

Instrument :

BNA_G

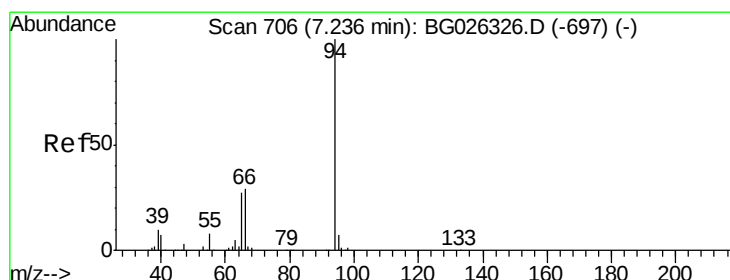
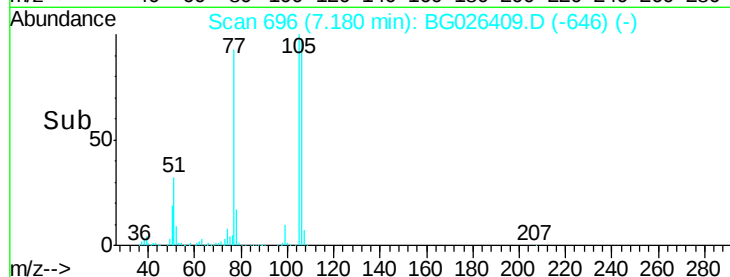
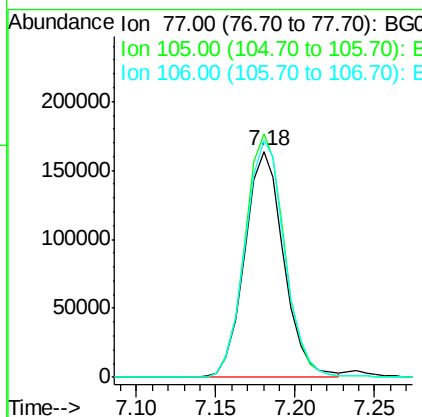
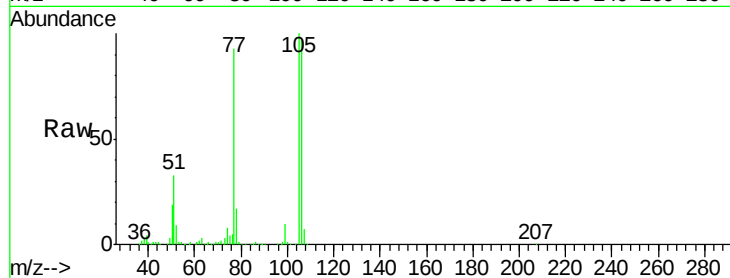
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	107.6	60.9	100.9#		
106	104.6	55.1	95.1#		

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#10

Phenol

Concen: 39.11 ng

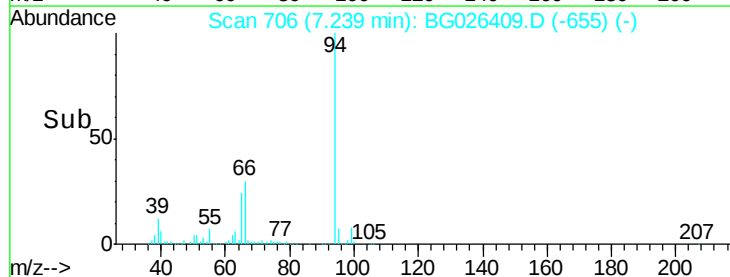
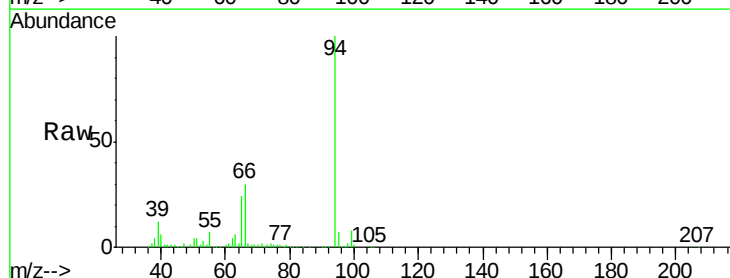
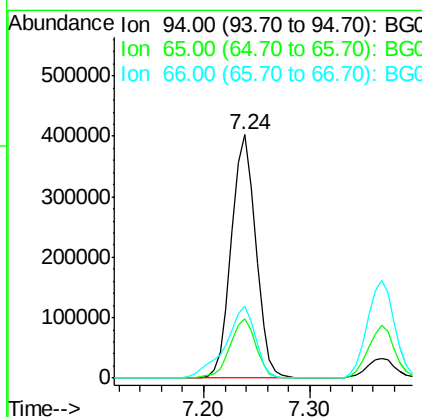
RT: 7.24 min Scan# 706

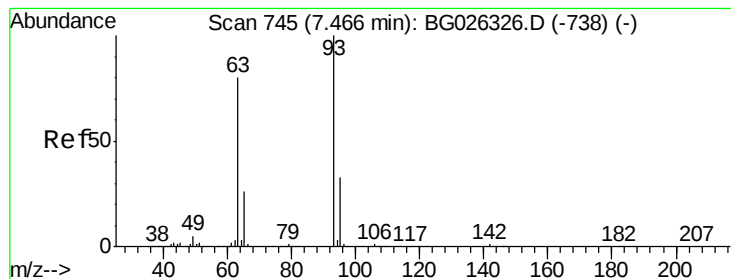
Delta R.T. 0.00 min

Lab File: BG026409.D

Acq: 23 Mar 2017 19:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	24.1	20.6	60.6		
66	29.5	35.5	75.5#		





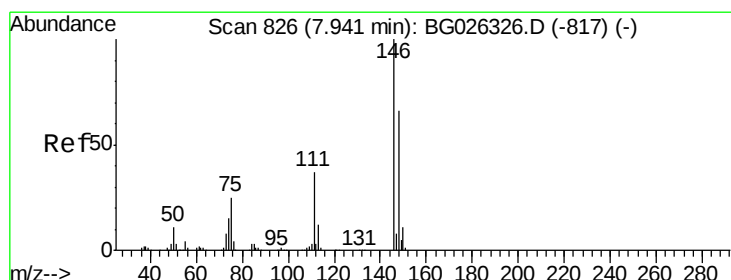
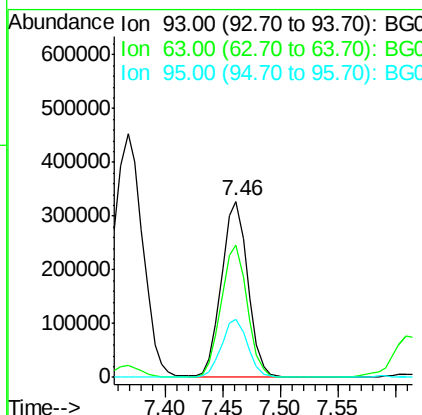
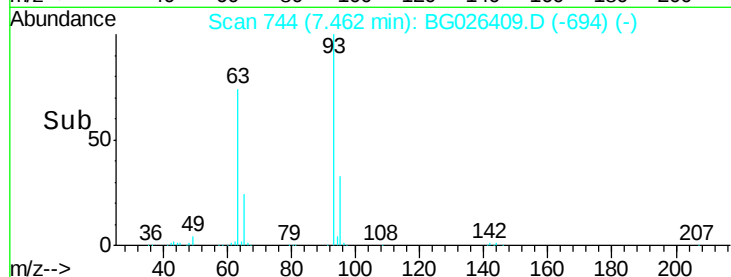
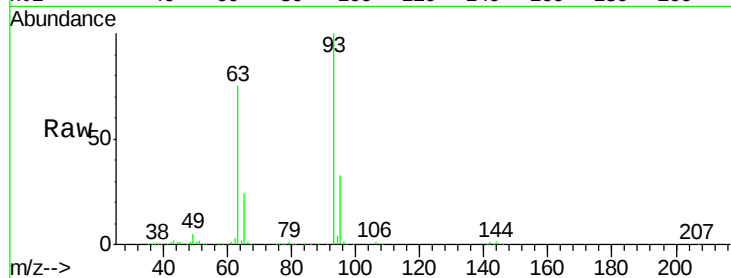
#11
bis(2-Chloroethyl)ether
Concen: 38.36 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.00 min
Lab File: BG026409.D
Acq: 23 Mar 2017 19:12

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.7	78.5	118.5#
95	33.1	9.8	49.8

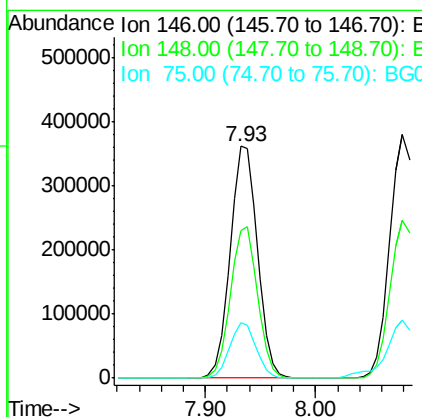
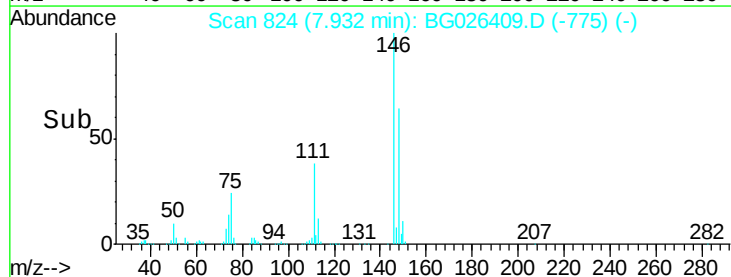
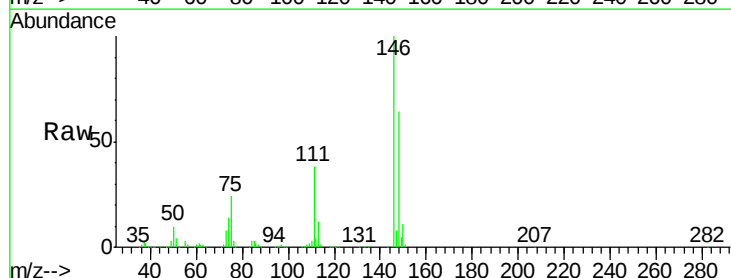
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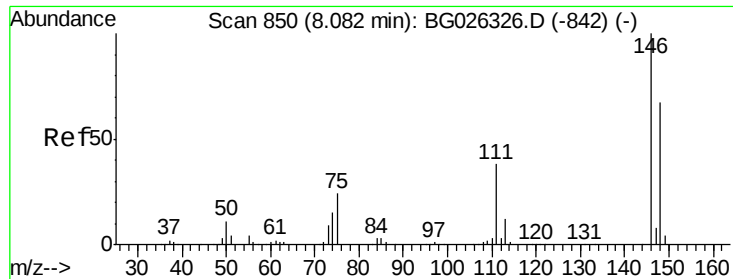
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#12
1,3-Dichlorobenzene
Concen: 40.76 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG026409.D
Acq: 23 Mar 2017 19:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	49.2	73.8
75	23.9	33.4	50.2#





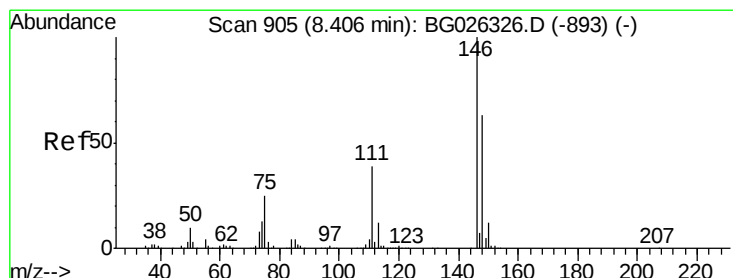
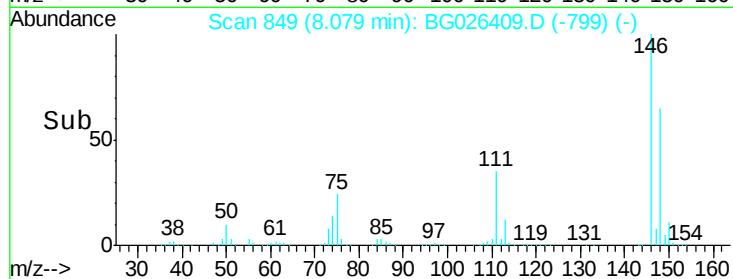
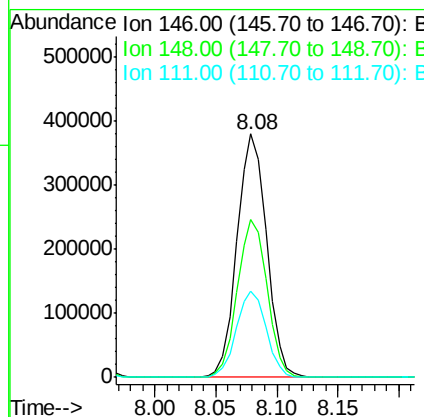
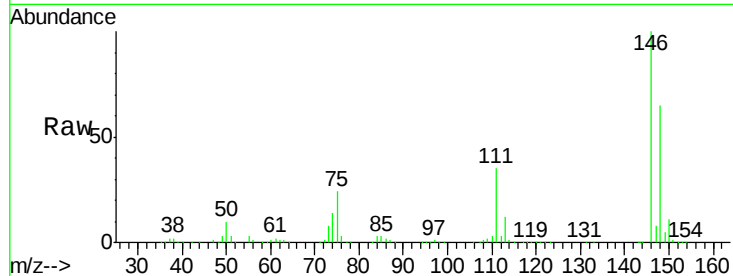
#13
 1,4-Dichlorobenzene
 Concen: 41.17 ng/ml
 RT: 8.08 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BG026409.D
 Acq: 23 Mar 2017 19:12

Instrument :
 BNA_G
 ClientSampleID :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.2	78.2
111	35.5	37.0	55.6

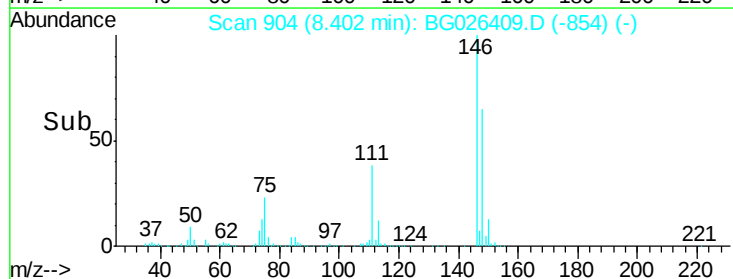
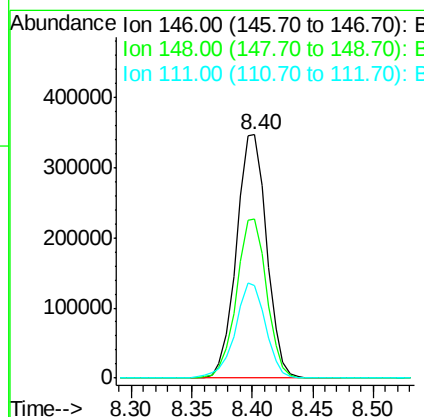
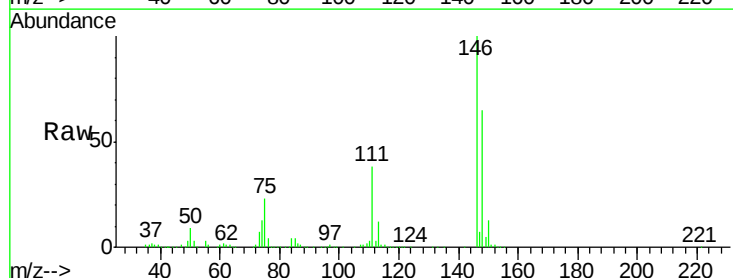
Manual Integrations
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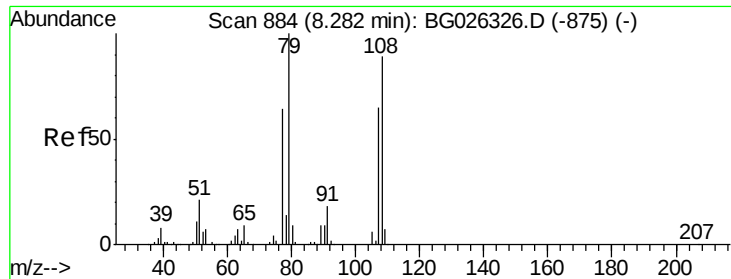
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 40.66 ng/ml
 RT: 8.40 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BG026409.D
 Acq: 23 Mar 2017 19:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	54.6	81.8
111	37.8	39.7	59.5





#15

Benzyl Alcohol

Concen: 38.45 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG026409.D

Acq: 23 Mar 2017 19:12

Instrument :

BNA_G

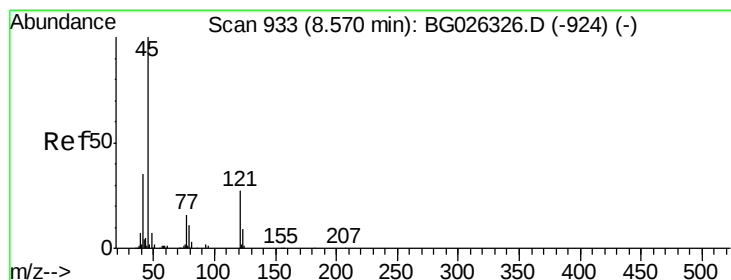
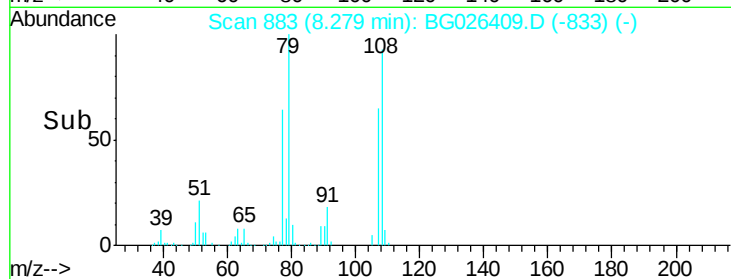
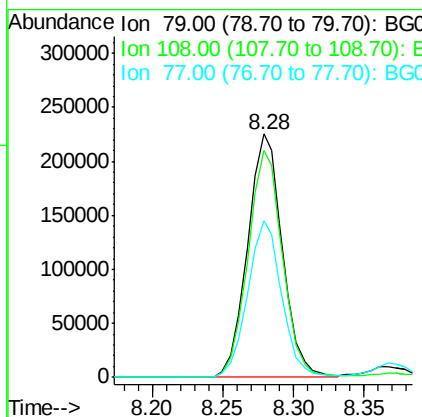
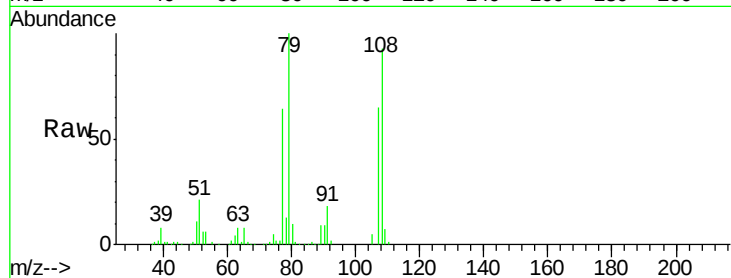
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	388613
Ion Ratio	Lower	Upper	
79	100		
108	93.1	45.5	68.3#
77	64.2	54.3	81.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.64 ng

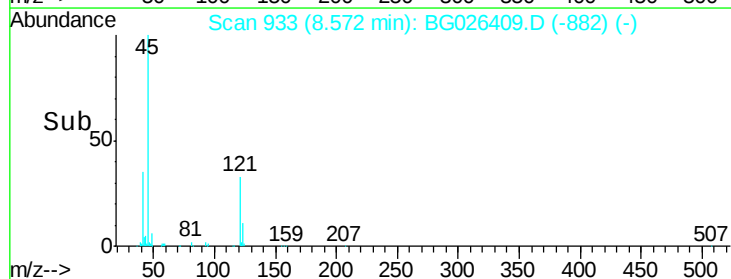
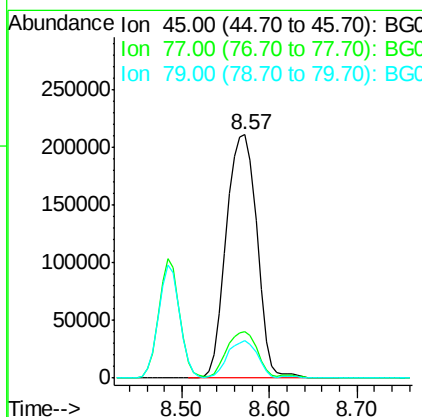
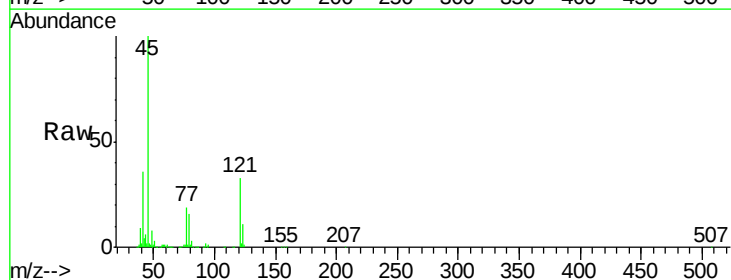
RT: 8.57 min Scan# 933

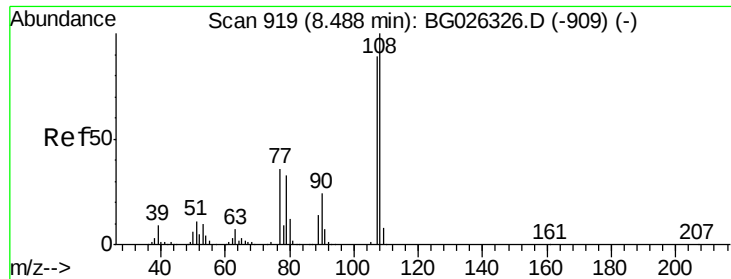
Delta R.T. 0.00 min

Lab File: BG026409.D

Acq: 23 Mar 2017 19:12

Tgt Ion:	45	Resp:	503974
Ion Ratio	Lower	Upper	
45	100		
77	19.1	0.0	30.6
79	15.6	0.0	28.5





#17

2-Methylphenol

Concen: 39.82 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG026409.D

Acq: 23 Mar 2017 19:12

Instrument :

BNA_G

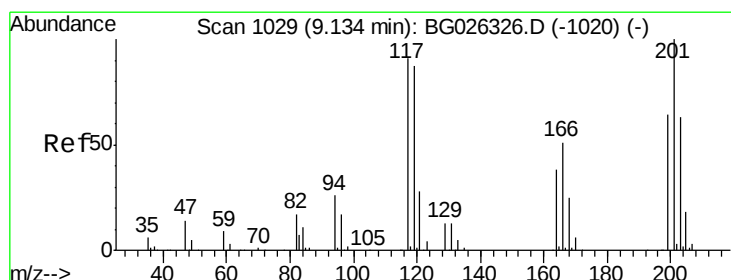
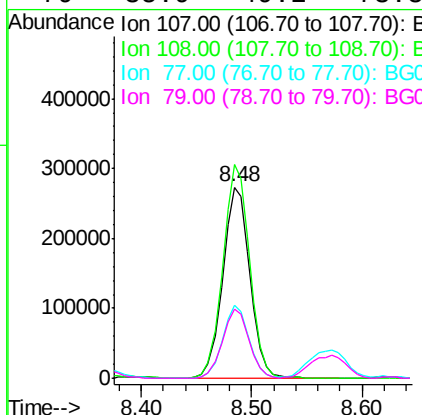
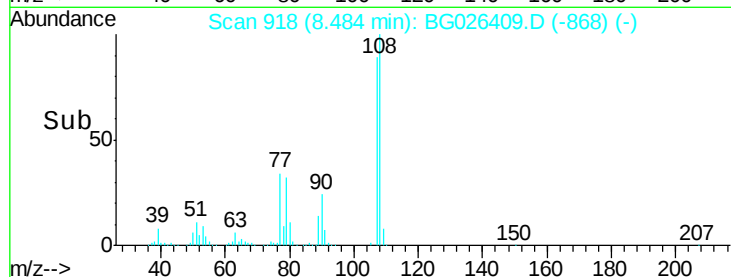
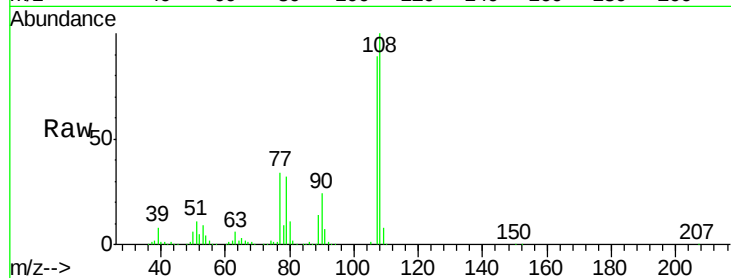
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.8	85.6	128.4	
77	38.0	51.4	77.2#	
79	35.9	49.2	73.8#	

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#18

Hexachloroethane

Concen: 40.35 ng

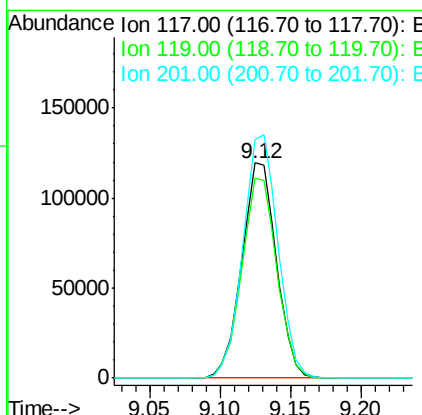
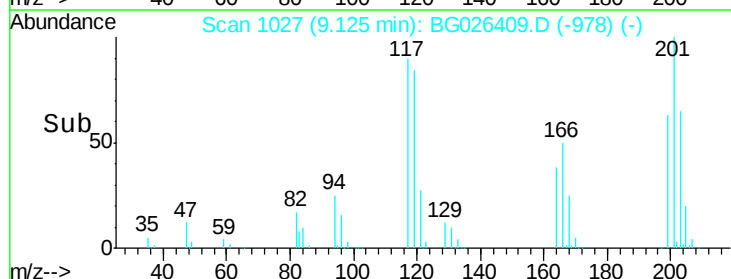
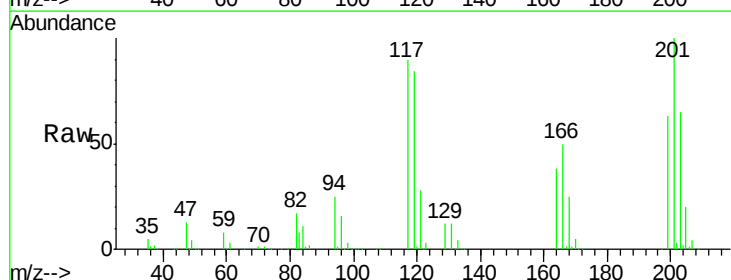
RT: 9.12 min Scan# 1027

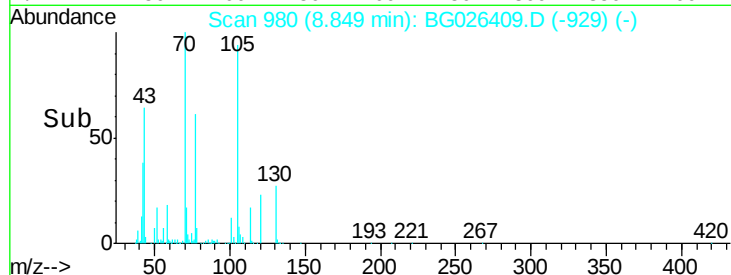
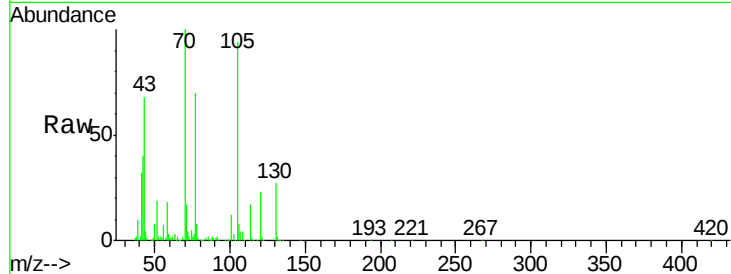
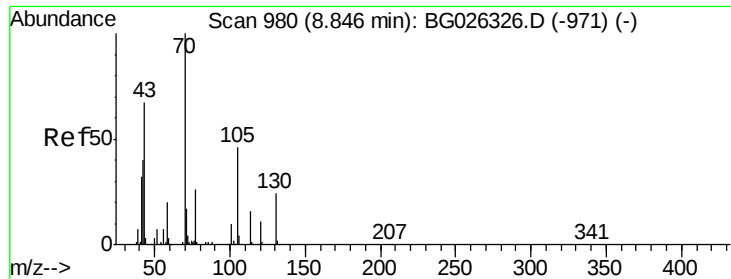
Delta R.T. -0.01 min

Lab File: BG026409.D

Acq: 23 Mar 2017 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.8	69.8	104.6	
201	111.2	95.4	143.0	





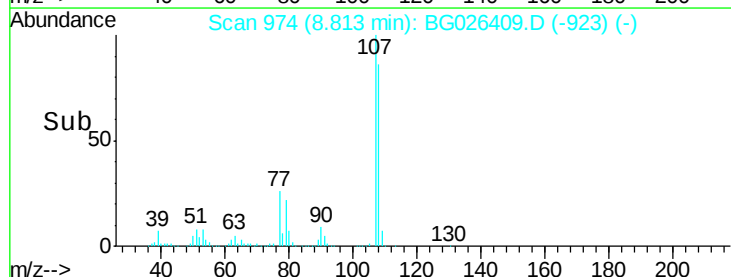
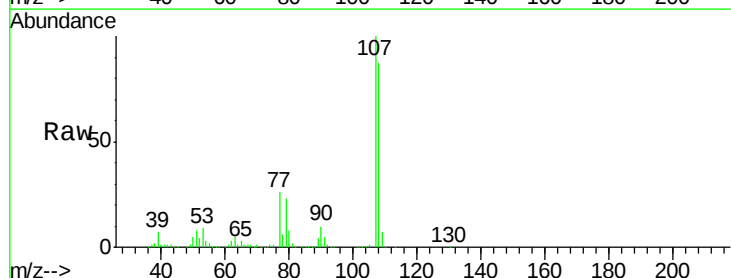
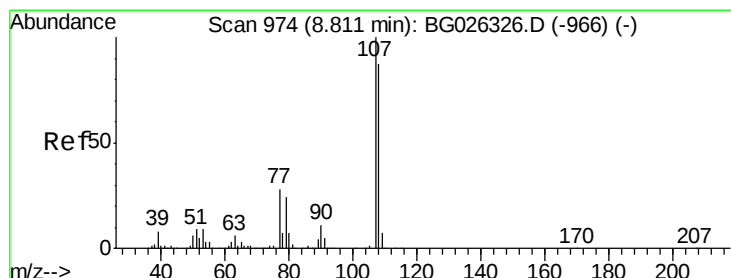
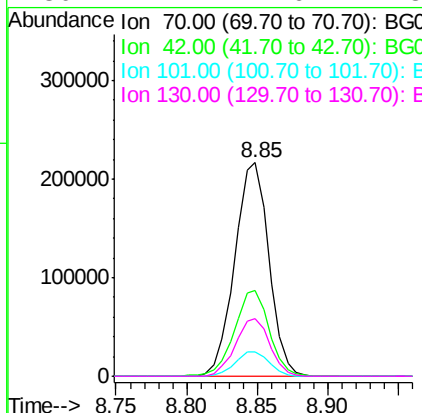
#19
n-Nitroso-di-n-propylamine
Concen: 36.85 ng
RT: 8.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG026409.D
Acq: 23 Mar 2017 19:12

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	40.0	56.1	84.1#	
101	11.6	7.5	11.3#	
130	27.2	14.6	21.8#	

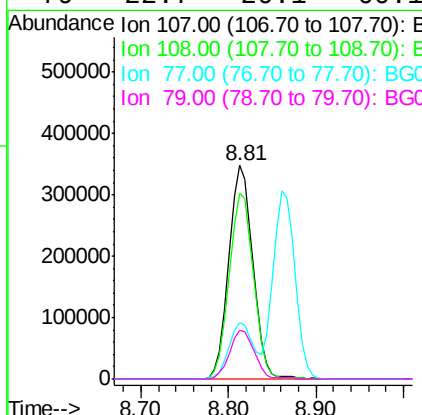
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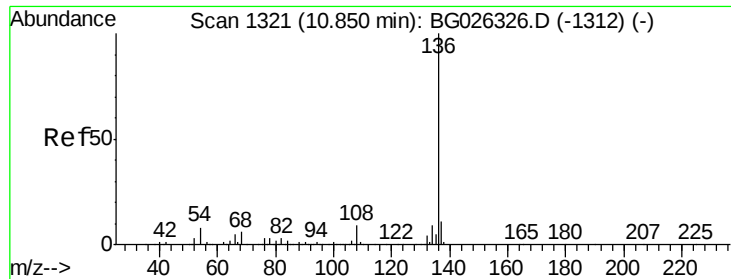
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#20
3+4-Methylphenols
Concen: 40.48 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG026409.D
Acq: 23 Mar 2017 19:12

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.9	70.8	110.8	
77	26.1	25.8	65.8	
79	22.7	20.1	60.1	





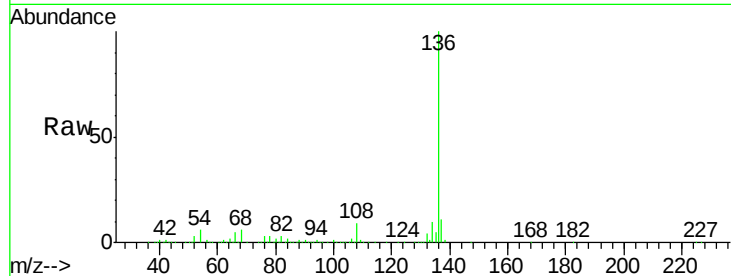
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG026409.D
Acq: 23 Mar 2017 19:12

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

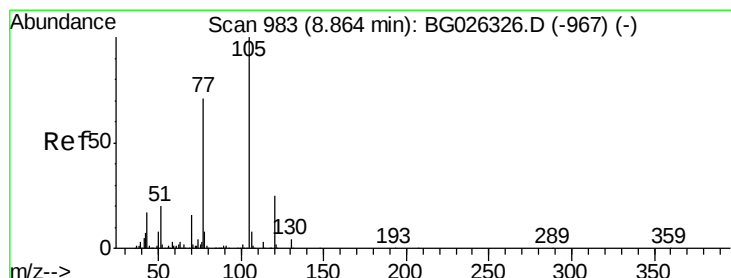
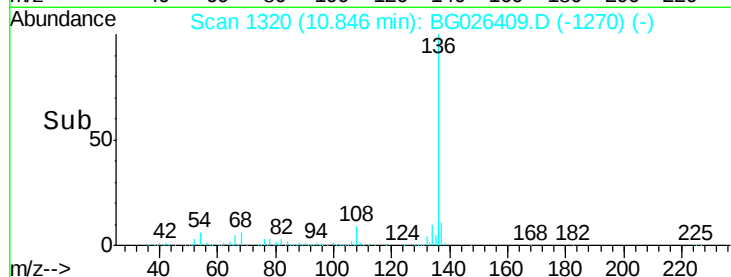
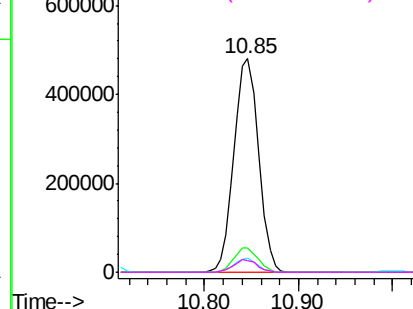
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		874176		
137	11.3	8.9	13.3		
54	6.4	9.3	13.9		
68	5.5	5.1	7.7		

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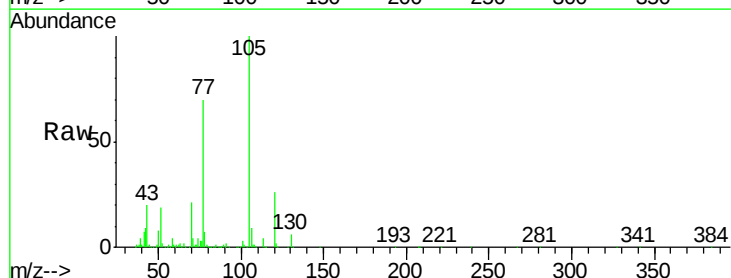


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

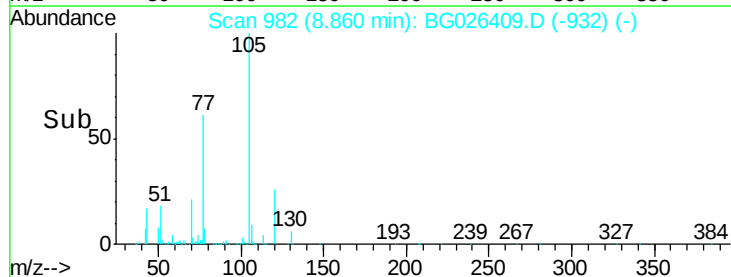
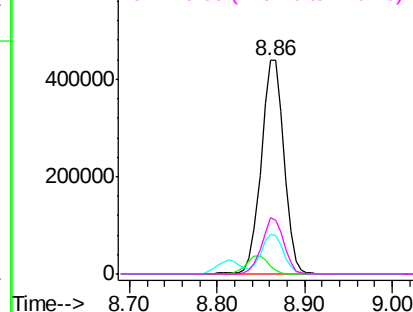


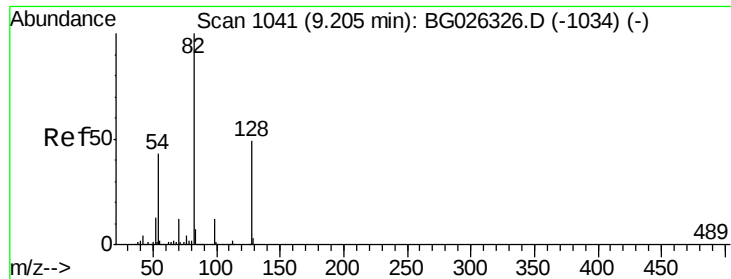
#22
Acetophenone
Concen: 39.12 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG026409.D
Acq: 23 Mar 2017 19:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		786354		
71	3.5	0.9	1.3		
51	18.9	34.0	51.0		
120	26.1	17.3	25.9		



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





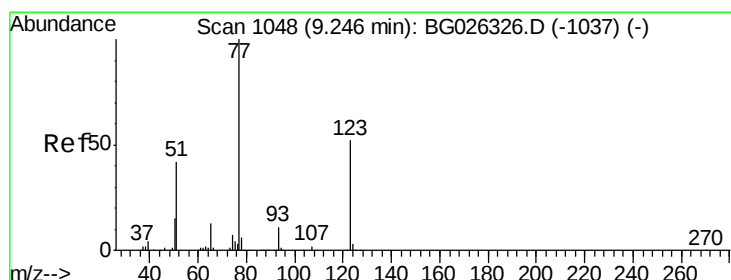
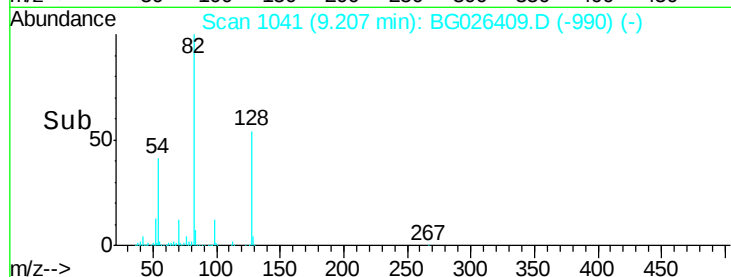
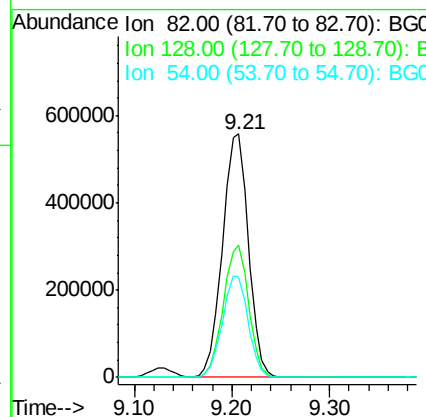
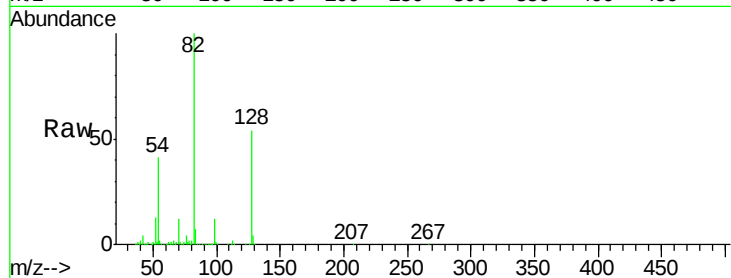
#23
 Nitrobenzene-d5
 Concen: 70.62 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BG026409.D
 Acq: 23 Mar 2017 19:12

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	82	Resp	1026732
Ion Ratio	Lower	Upper	
82	100		
128	54.2	26.4	39.6#
54	41.3	49.4	74.2#

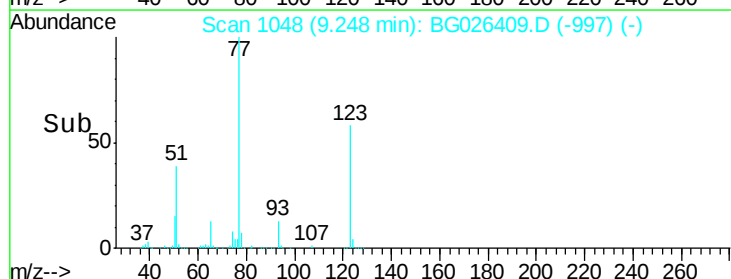
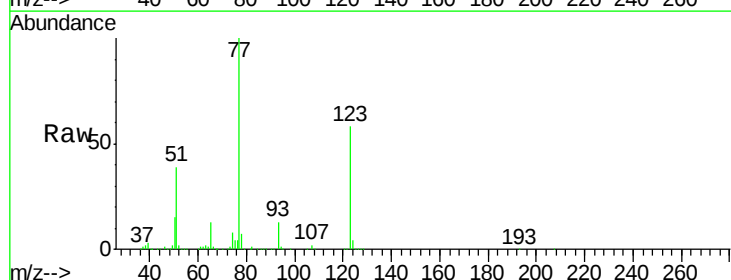
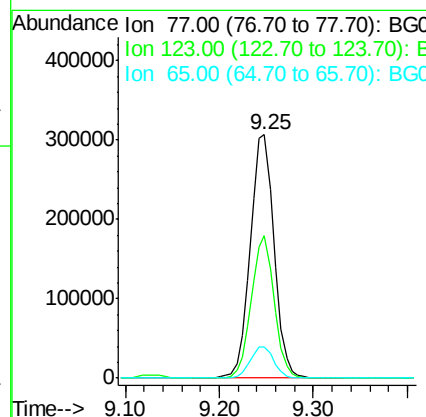
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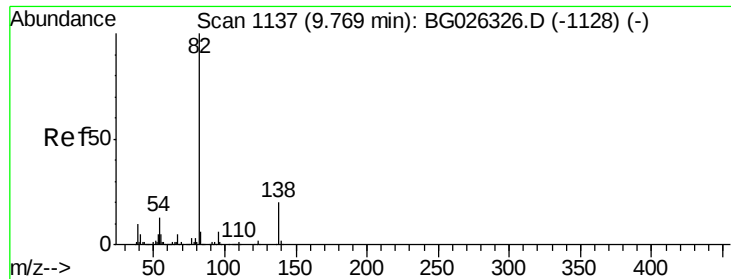
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#24
 Nitrobenzene
 Concen: 37.48 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BG026409.D
 Acq: 23 Mar 2017 19:12

Tgt Ion	77	Resp	538008
Ion Ratio	Lower	Upper	
77	100		
123	58.3	26.1	39.1#
65	12.9	12.4	18.6





#25

Isophorone

Concen: 38.24 ng

RT: 9.77 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BG026409.D

Acq: 23 Mar 2017 19:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion: 82 Resp: 1047929

Ion Ratio Lower Upper

82 100

95 6.5 7.5 11.3#

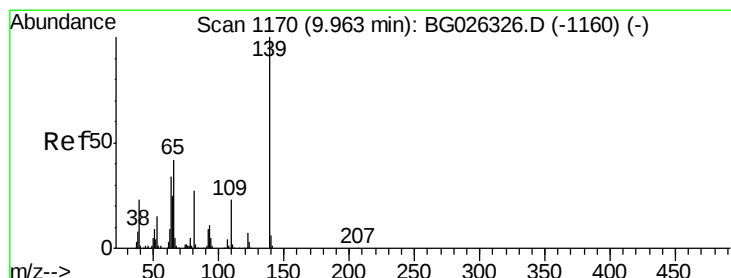
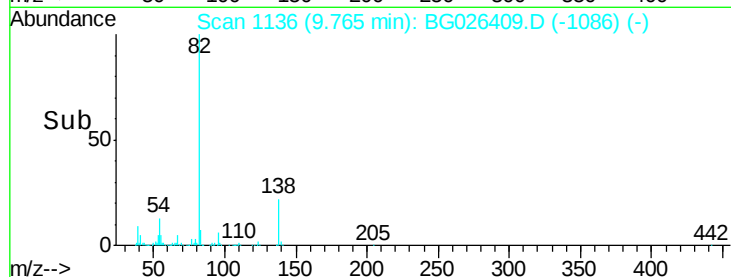
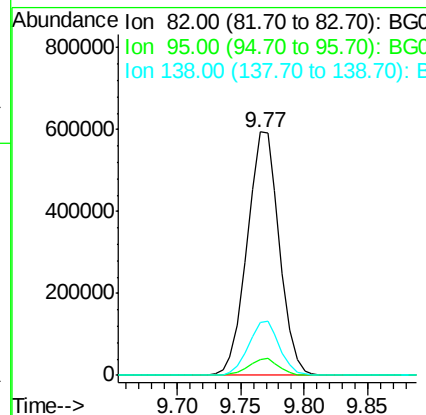
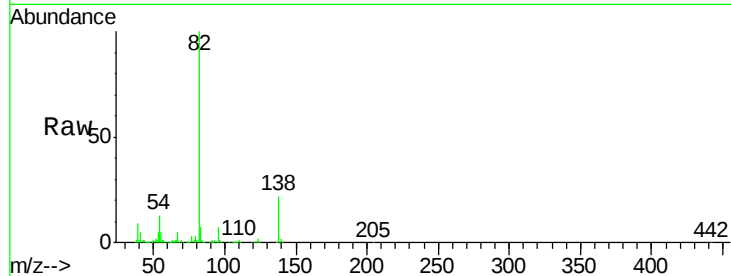
138 21.5 12.3 18.5#

Manual Integrations

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#26

2-Nitrophenol

Concen: 43.78 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BG026409.D

Acq: 23 Mar 2017 19:12

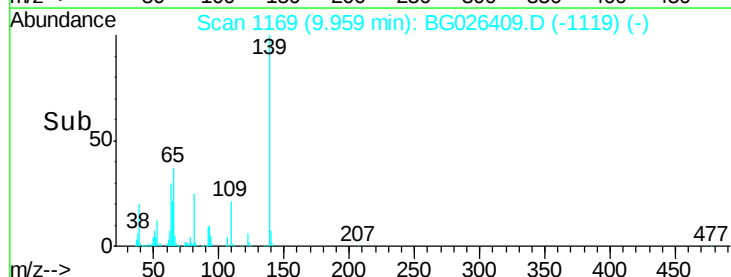
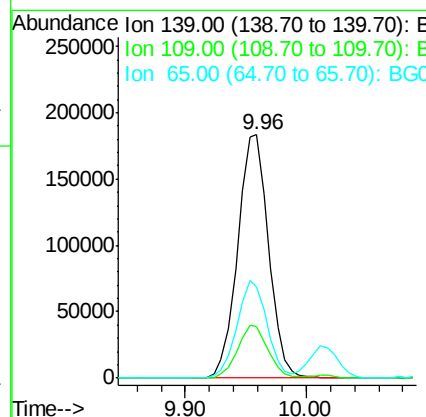
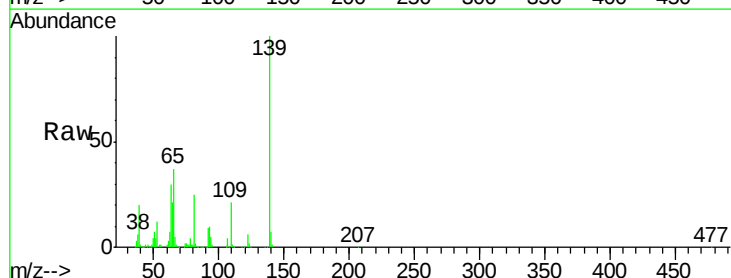
Tgt Ion: 139 Resp: 326974

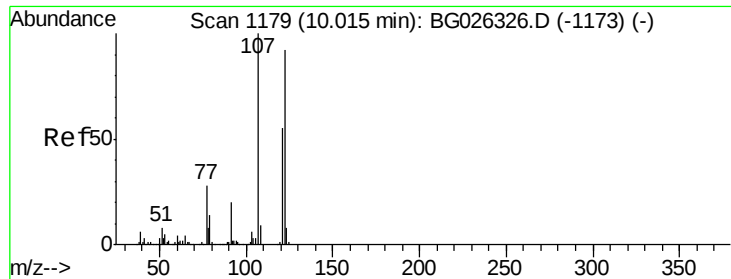
Ion Ratio Lower Upper

139 100

109 21.4 38.6 58.0#

65 37.3 57.1 85.7#





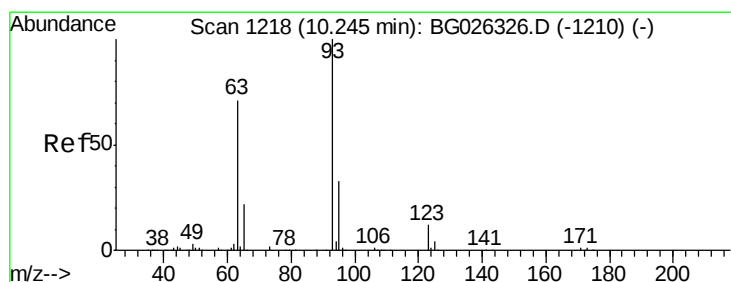
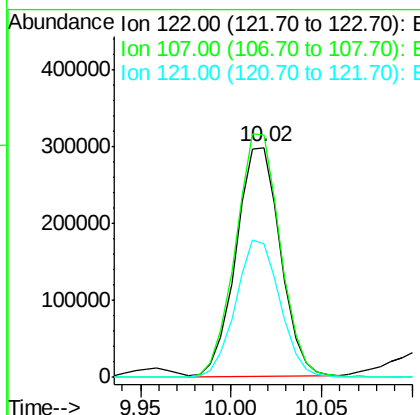
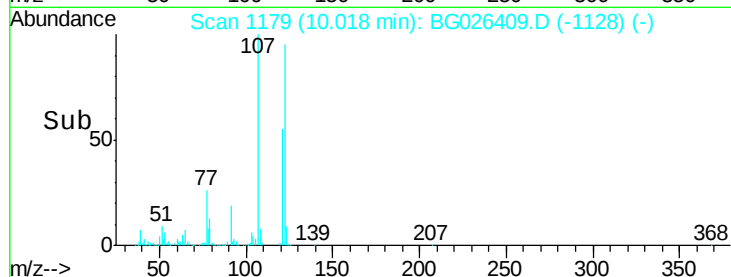
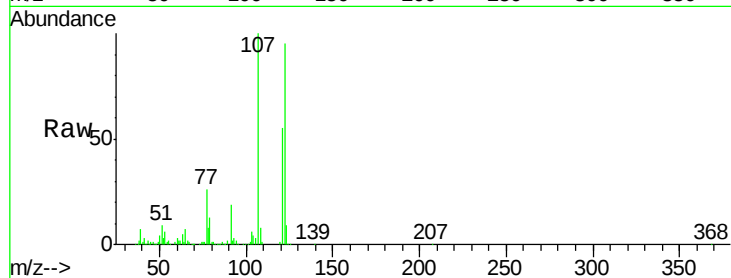
#27
2,4-Dimethylphenol
Concen: 41.47 ng
RT: 10.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BG026409.D
Acq: 23 Mar 2017 19:12

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
122	100		
107	105.3	104.2	156.4
121	58.3	46.0	69.0

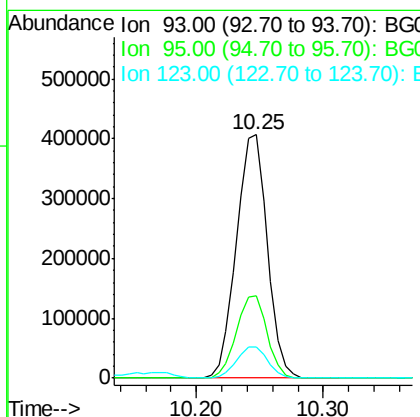
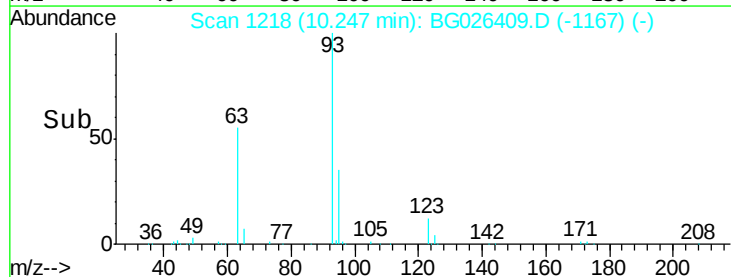
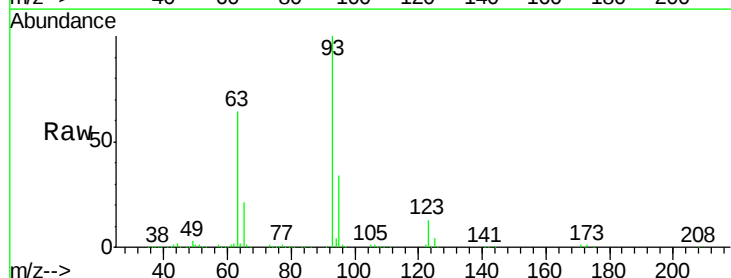
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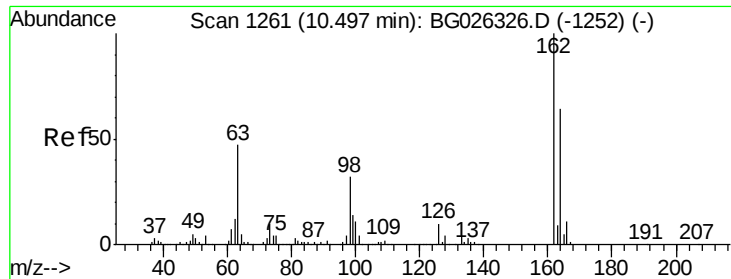
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 38.56 ng
RT: 10.25 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BG026409.D
Acq: 23 Mar 2017 19:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.9	25.7	38.5
123	12.7	8.3	12.5#





#29

2,4-Dichlorophenol

Concen: 43.53 ng

RT: 10.49 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BG026409.D

Acq: 23 Mar 2017 19:12

Instrument :

BNA_G

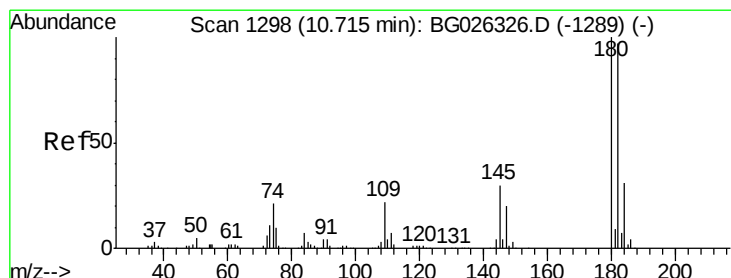
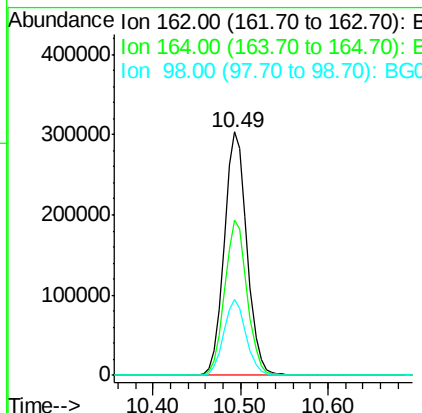
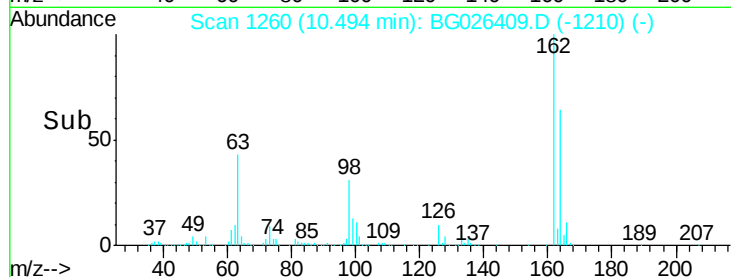
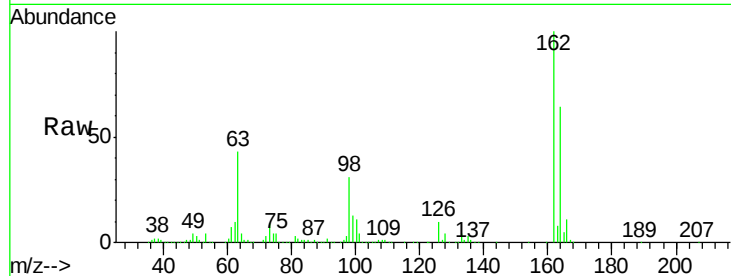
ClientSampleId :

SSTDCCC040EC

Tot Ion:	162	Resp:	539724
Ion Ratio	Lower	Upper	
162	100		
164	63.5	42.4	82.4
98	31.0	20.3	60.3

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#30

1,2,4-Trichlorobenzene

Concen: 41.97 ng

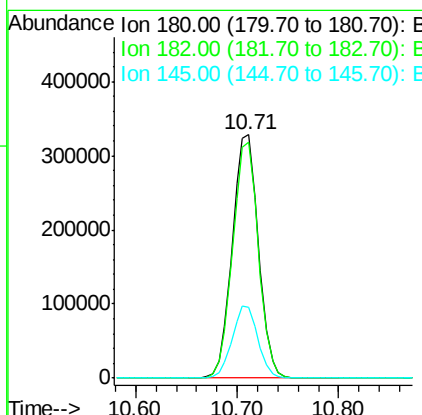
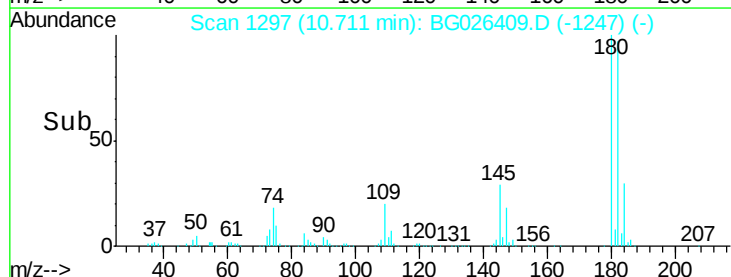
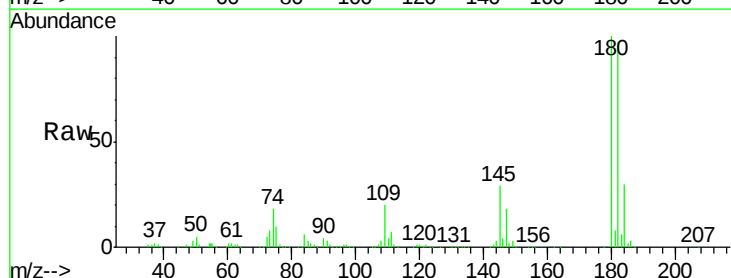
RT: 10.71 min Scan# 1297

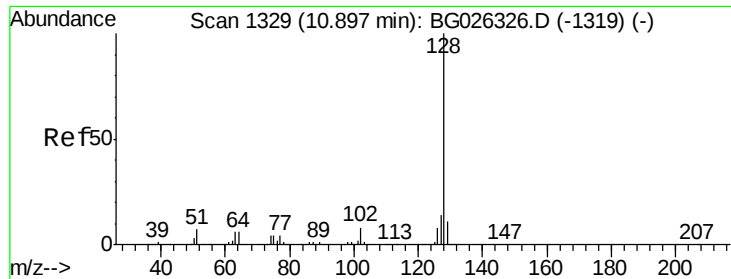
Delta R.T. -0.00 min

Lab File: BG026409.D

Acq: 23 Mar 2017 19:12

Tgt Ion:	180	Resp:	584640
Ion Ratio	Lower	Upper	
180	100		
182	96.8	77.0	115.4
145	29.0	23.4	35.0





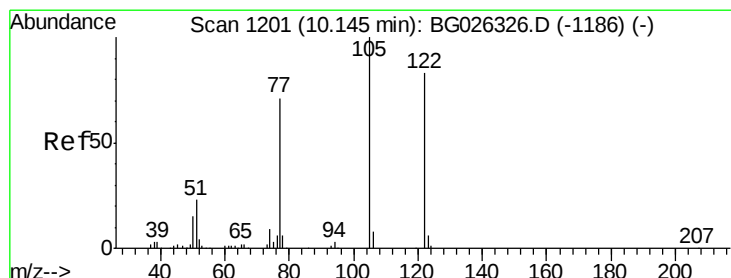
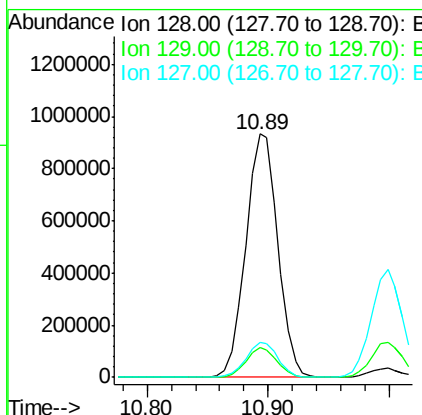
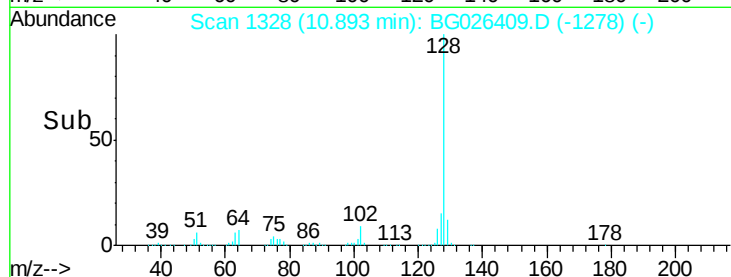
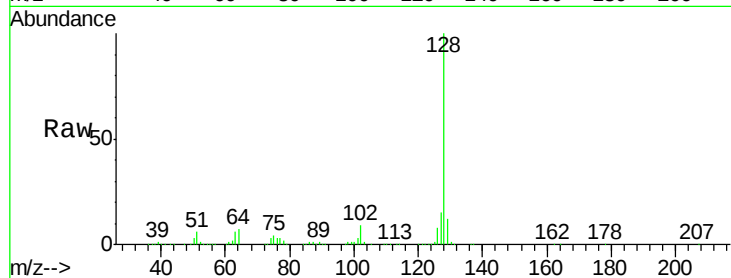
#31
Naphthalene
Concen: 38.92 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BG026409.D
Acq: 23 Mar 2017 19:12

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:128 Resp: 1720267
Ion Ratio Lower Upper
128 100
129 12.1 9.3 13.9
127 14.6 11.4 17.0

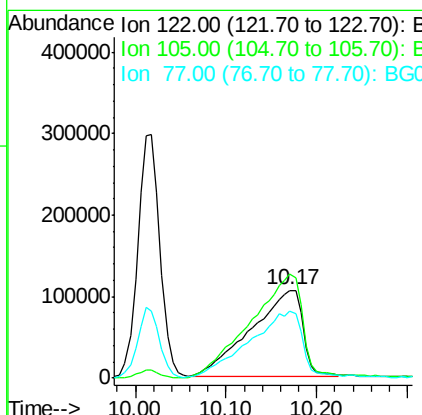
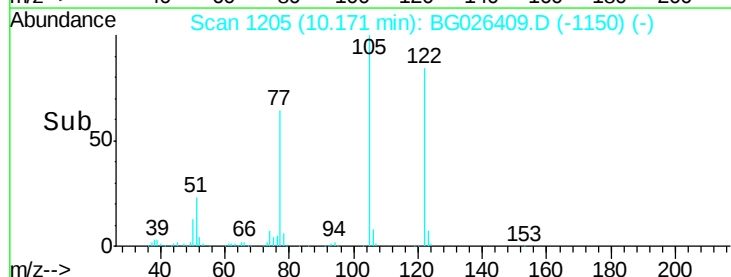
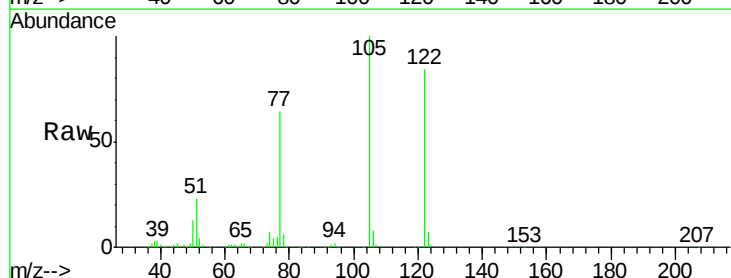
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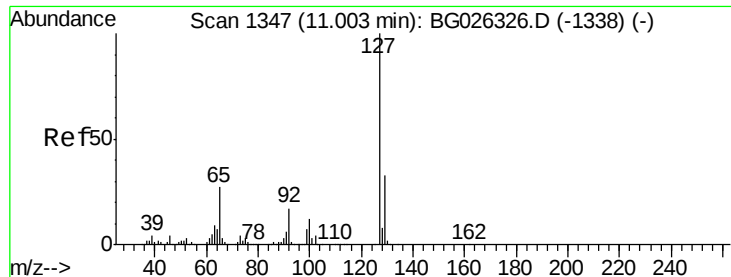
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#32
Benzoic acid
Concen: 44.50 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.03 min
Lab File: BG026409.D
Acq: 23 Mar 2017 19:12

Tgt Ion:122 Resp: 419809
Ion Ratio Lower Upper
122 100
105 119.6 120.1 160.1#
77 76.3 104.6 144.6#





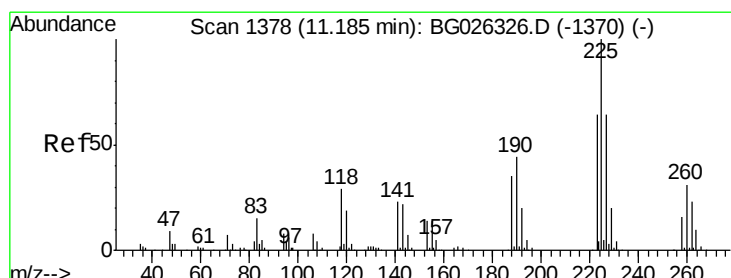
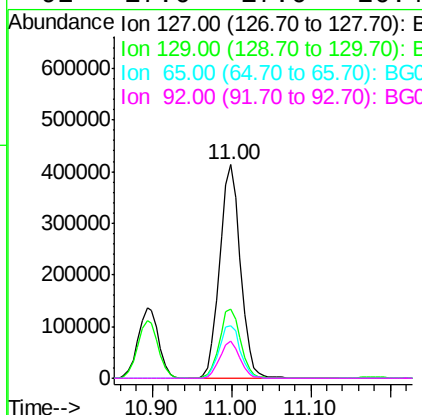
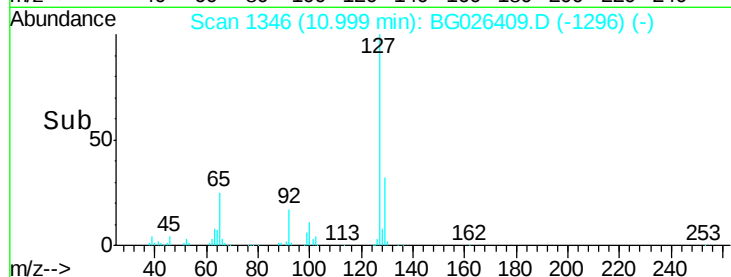
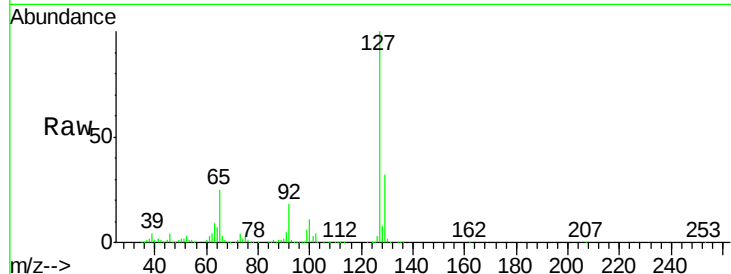
#33
4-Chloroaniline
Concen: 41.56 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BG026409.D
Acq: 23 Mar 2017 19:12

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	23.6	35.4		
65	24.8	37.7	56.5		
92	17.6	17.6	26.4		

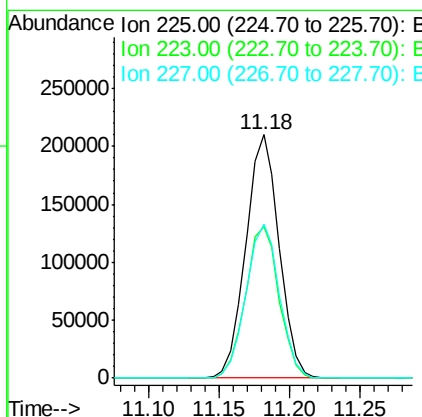
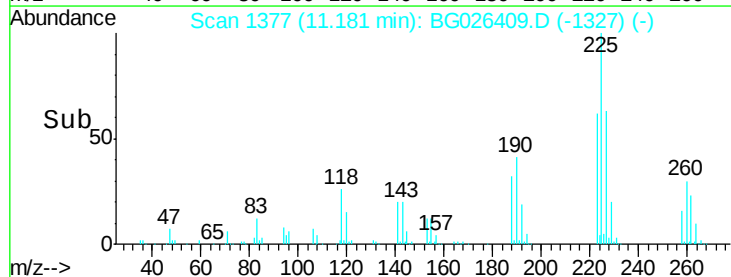
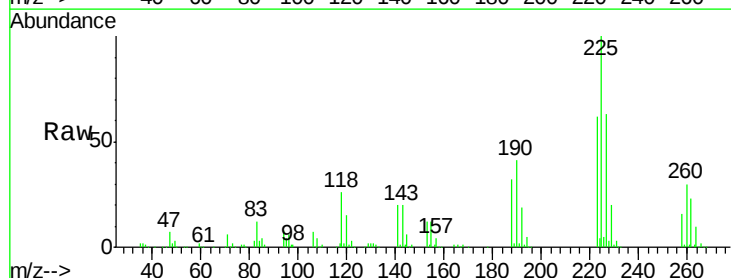
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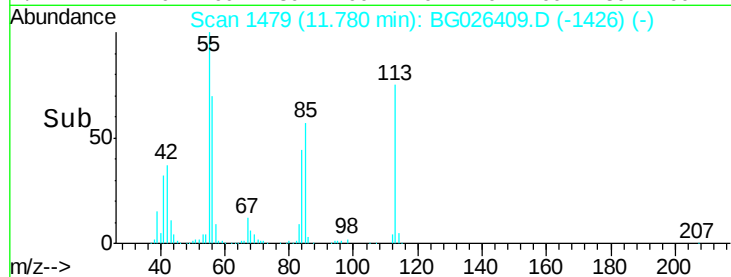
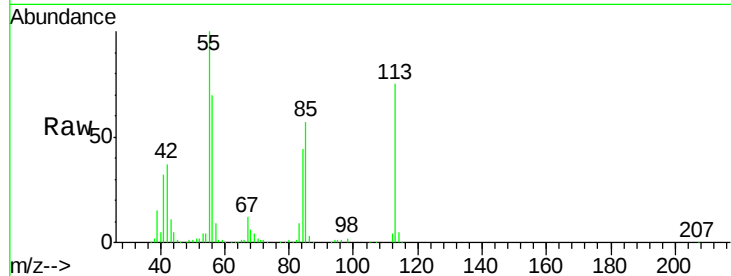
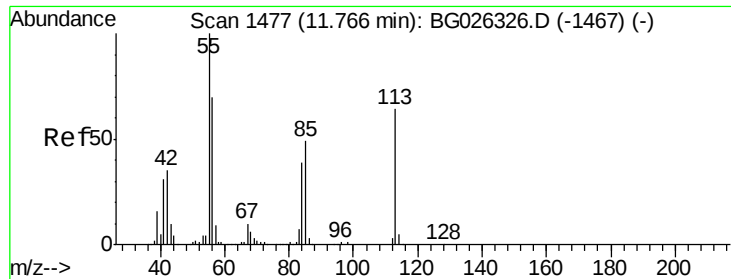
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#34
Hexachlorobutadiene
Concen: 42.16 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BG026409.D
Acq: 23 Mar 2017 19:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.0	50.7	76.1		
227	63.1	49.0	73.6		





#35

Caprolactam

Concen: 42.29 ng

RT: 11.78 min Scan# 1479

Delta R.T. 0.01 min

Lab File: BG026409.D

Acq: 23 Mar 2017 19:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:113 Resp: 206588

Ion Ratio Lower Upper

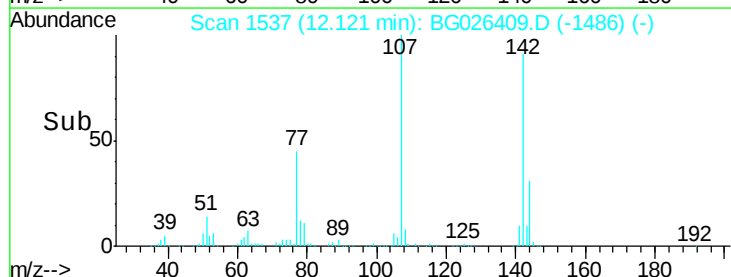
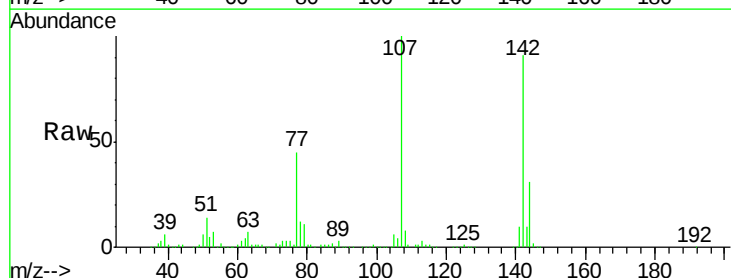
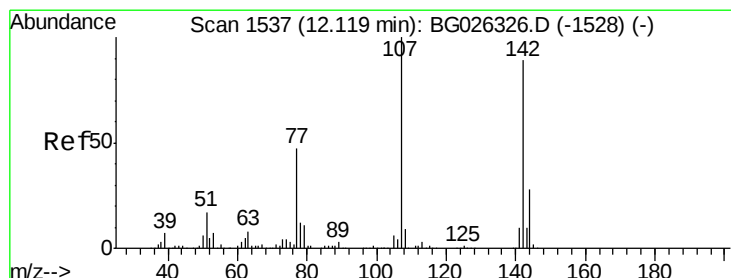
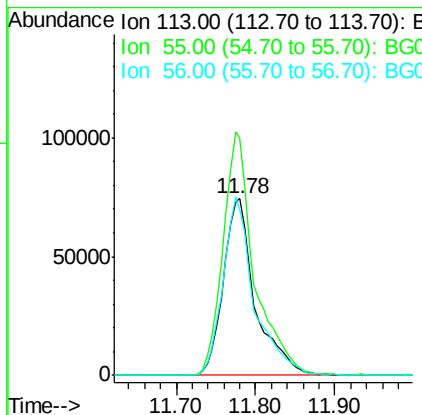
113 100

55 134.2 198.6 238.6#

56 93.9 140.4 180.4#

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#36

4-Chloro-3-methylphenol

Concen: 41.02 ng

RT: 12.12 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BG026409.D

Acq: 23 Mar 2017 19:12

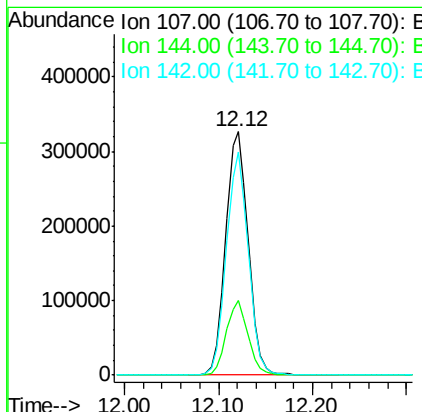
Tgt Ion:107 Resp: 544125

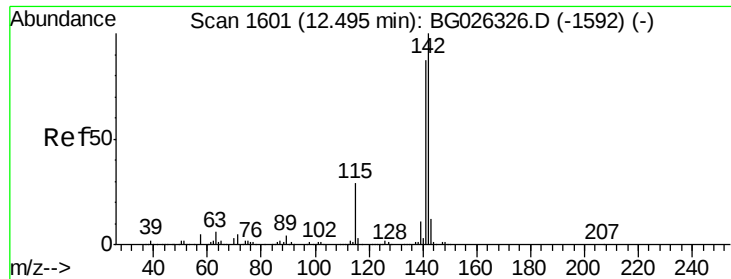
Ion Ratio Lower Upper

107 100

144 30.8 17.4 26.0#

142 91.5 54.1 81.1#





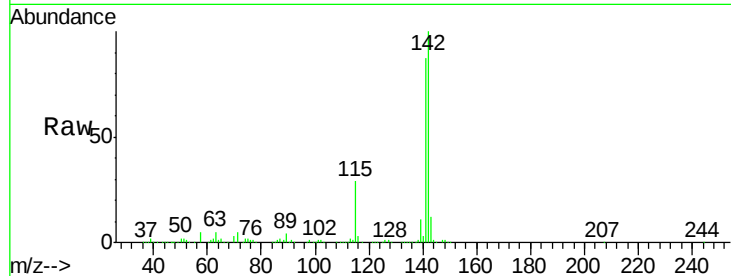
#37
2-Methylnaphthalene
Concen: 40.19 ng
RT: 12.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BG026409.D
Acq: 23 Mar 2017 19:12

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.0	70.4	105.6
115	29.4	35.5	53.3

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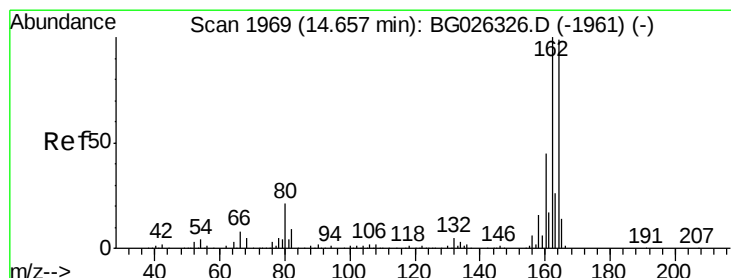
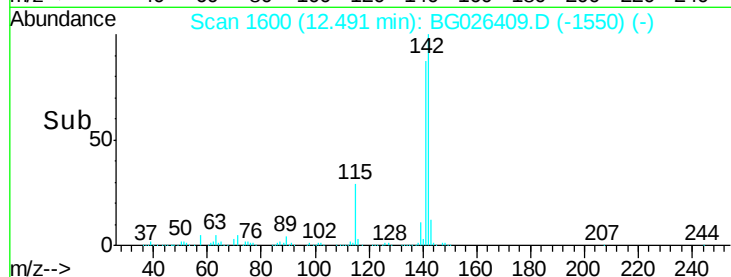
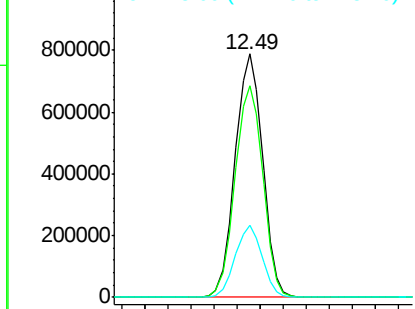


Abundance

Ion 142.00 (141.70 to 142.70): E

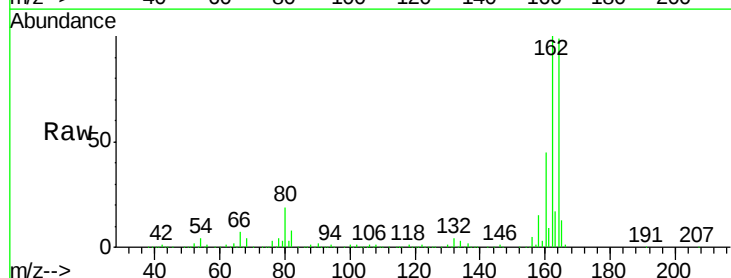
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG026409.D
Acq: 23 Mar 2017 19:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	85.1	127.7
160	44.9	34.7	52.1

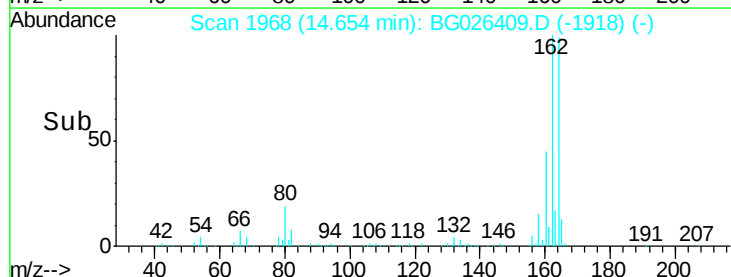
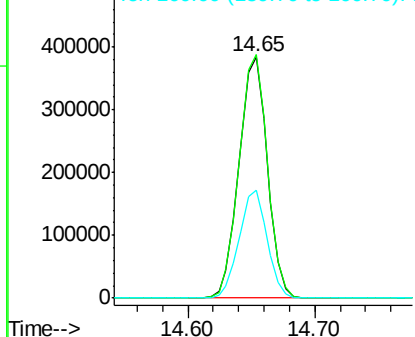


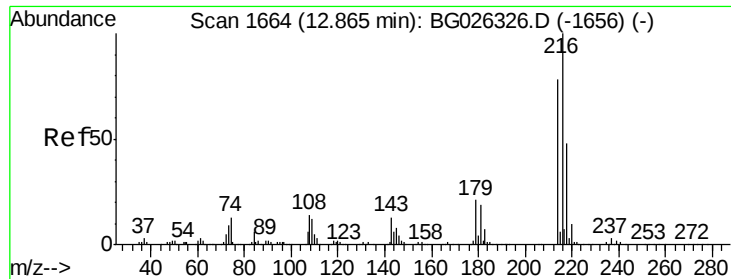
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





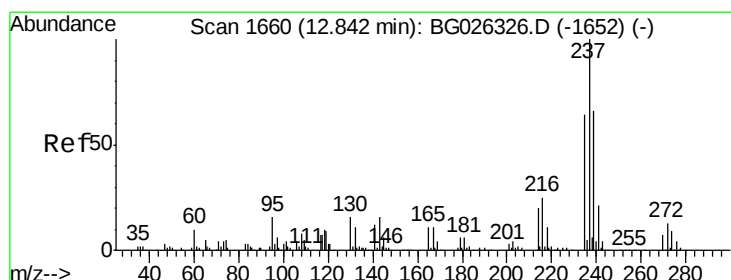
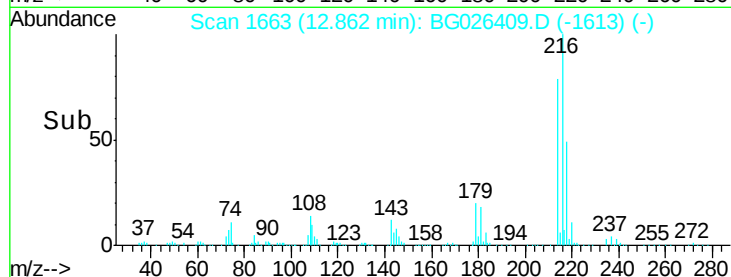
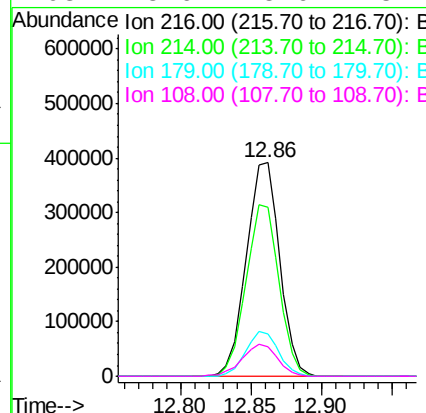
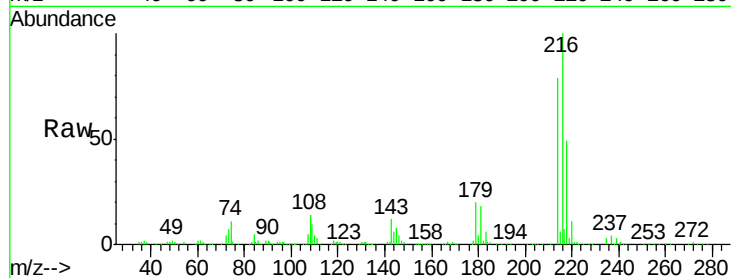
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.23 ng
 RT: 12.86 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: BG026409.D
 Acq: 23 Mar 2017 19:12

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.4	64.4	96.6
179	20.6	17.4	26.0
108	15.6	15.6	23.4

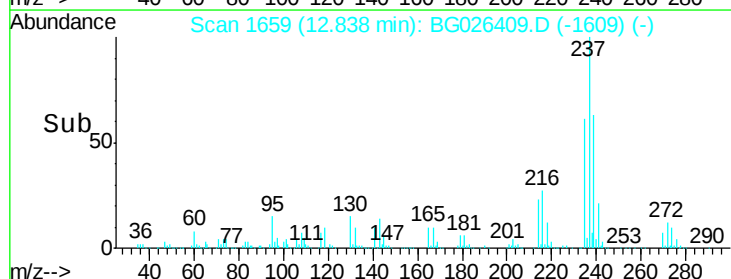
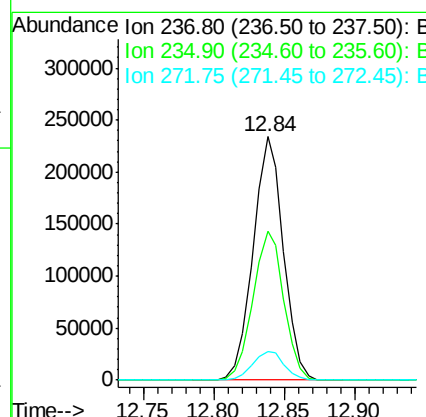
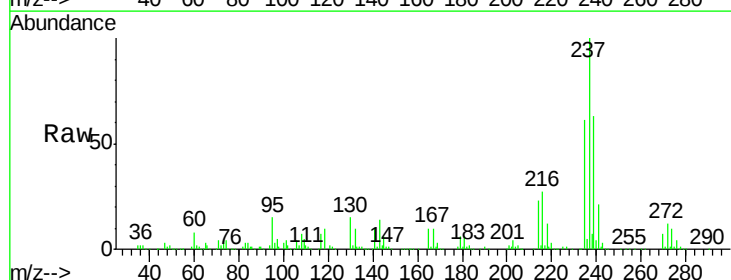
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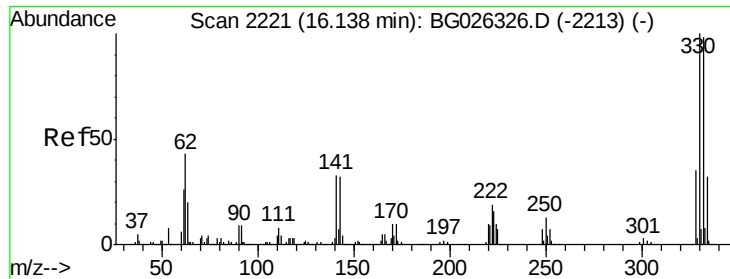
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#40
 Hexachlorocyclopentadiene
 Concen: 37.14 ng
 RT: 12.84 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: BG026409.D
 Acq: 23 Mar 2017 19:12

Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.0	39.4	79.4
272	11.9	0.0	32.0





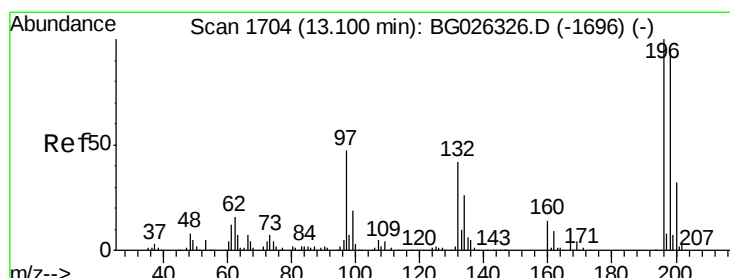
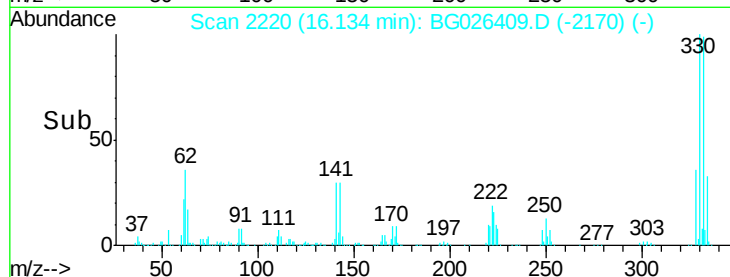
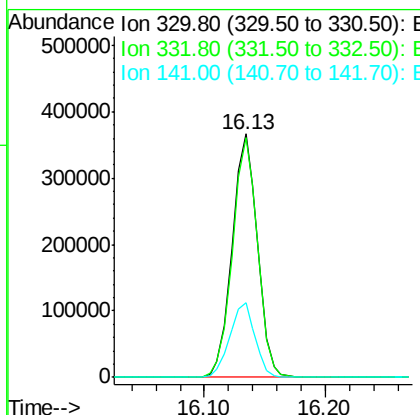
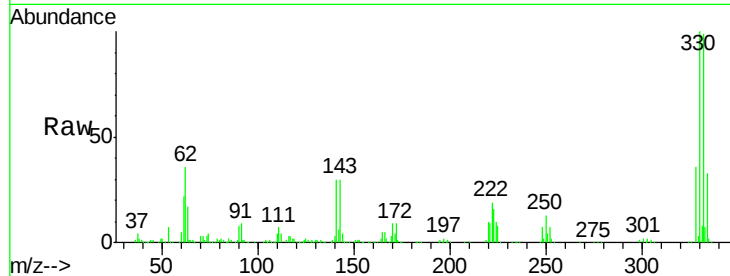
#41
 2,4,6-Tribromophenol
 Concen: 78.17 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.00 min
 Lab File: BG026409.D
 Acq: 23 Mar 2017 19:12

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.3	115.9
141	30.6	32.1	48.1#

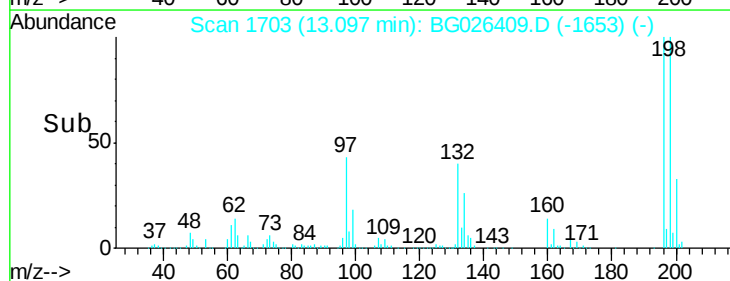
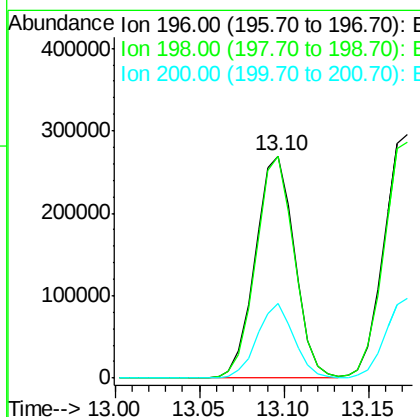
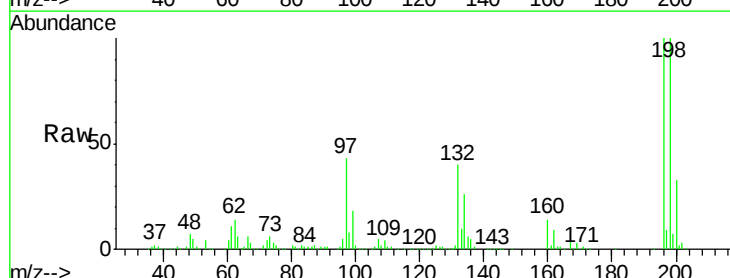
Manual Integrations
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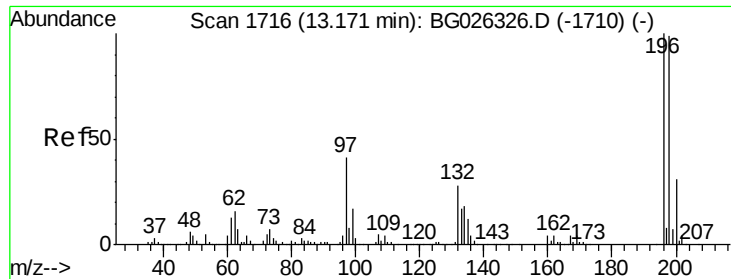
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#42
 2,4,6-Trichlorophenol
 Concen: 36.91 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG026409.D
 Acq: 23 Mar 2017 19:12

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.0	81.4	122.2
200	33.4	27.0	40.6





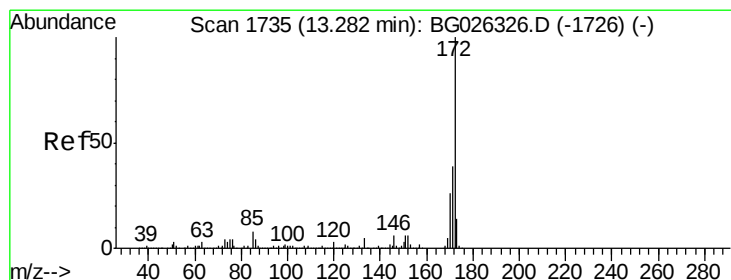
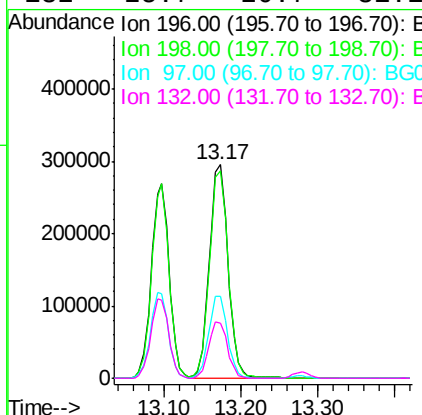
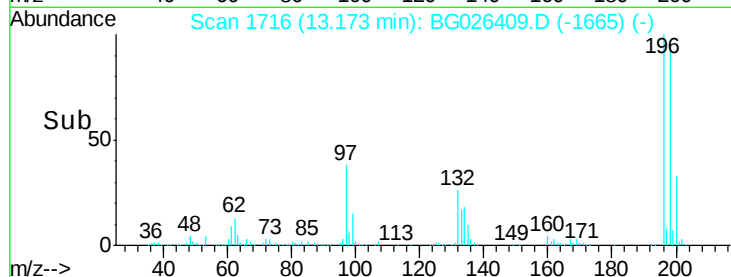
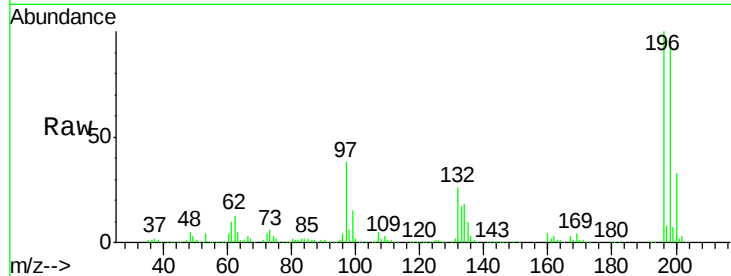
#43
 2,4,5-Trichlorophenol
 Concen: 37.73 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG026409.D
 Acq: 23 Mar 2017 19:12

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
196	100	489374		
198	96.9	79.9	119.9	
97	38.4	45.4	68.0	
132	25.7	20.7	31.1	

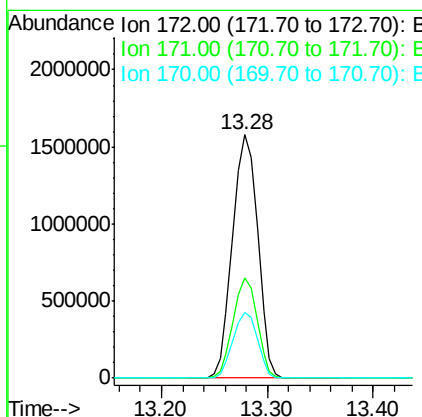
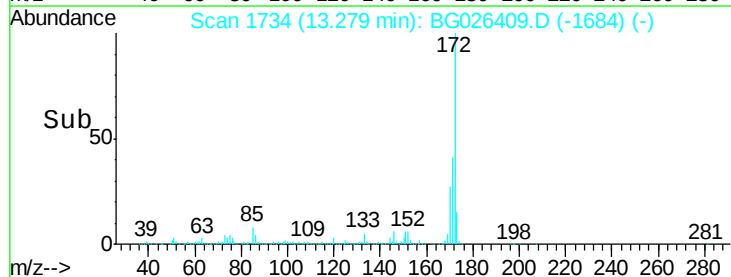
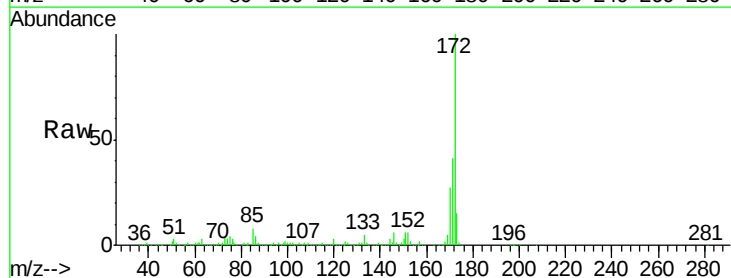
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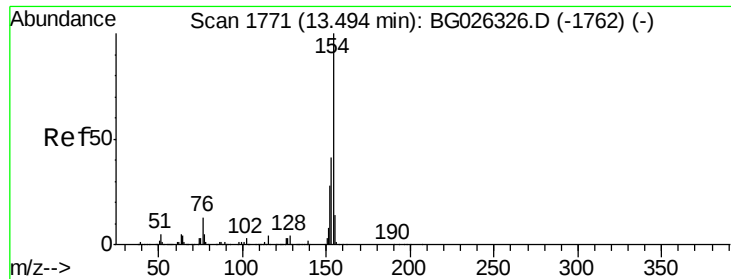
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 61.34 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG026409.D
 Acq: 23 Mar 2017 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2605469		
171	41.4	32.2	48.2	
170	27.1	21.8	32.6	





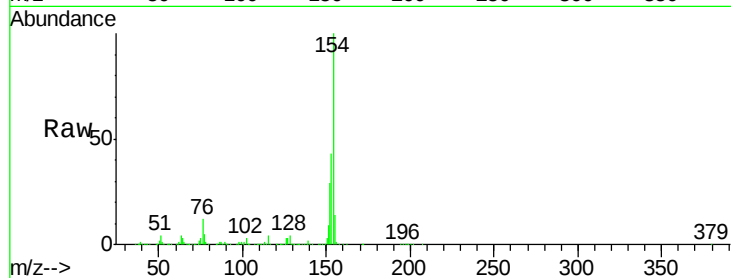
#45
1,1'-Biphenyl
Concen: 33.73 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG026409.D
Acq: 23 Mar 2017 19:12

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

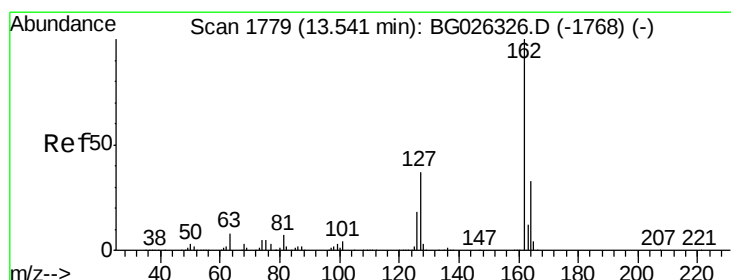
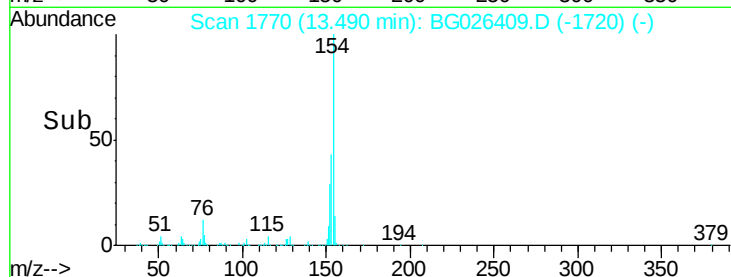
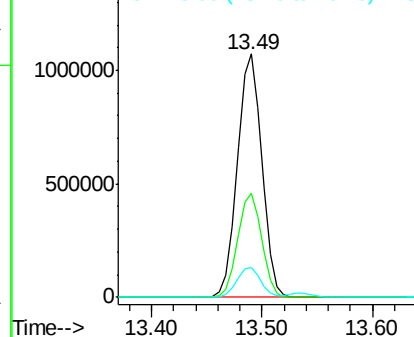
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.8	23.0	63.0
76	12.1	0.0	33.5

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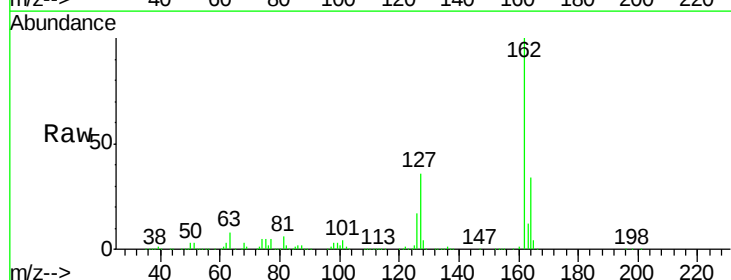


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): B

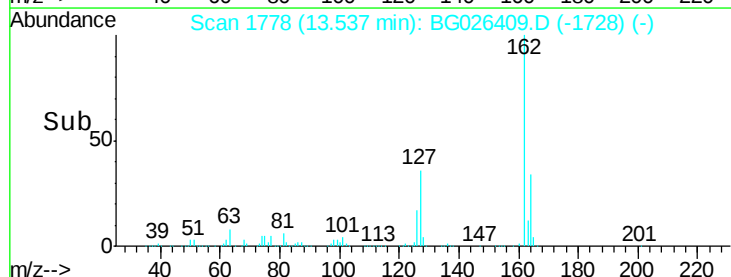
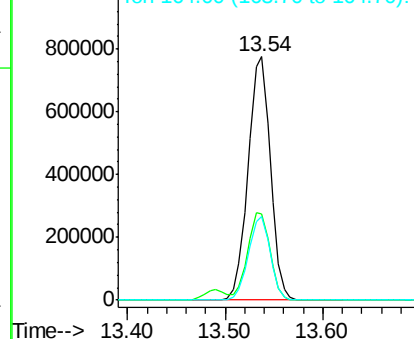


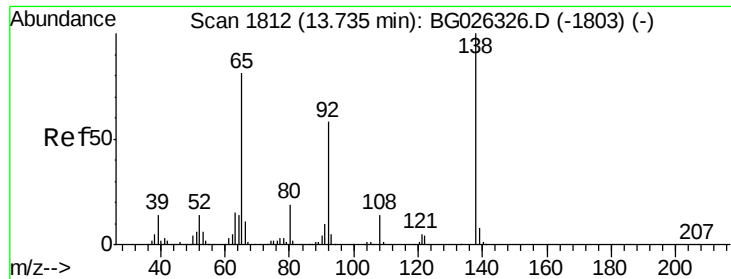
#46
2-Chloronaphthalene
Concen: 34.33 ng
RT: 13.54 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BG026409.D
Acq: 23 Mar 2017 19:12

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.6	32.2	48.4
164	34.4	27.3	40.9



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





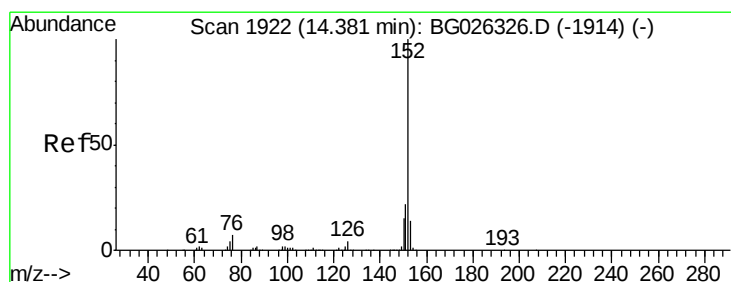
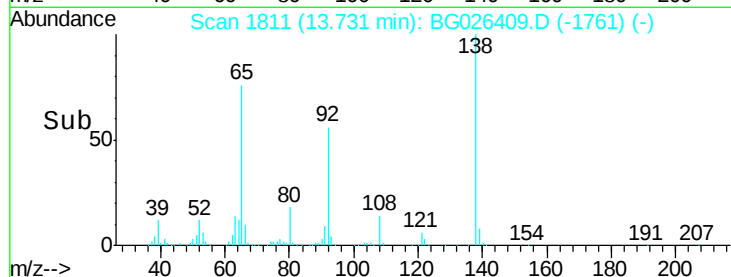
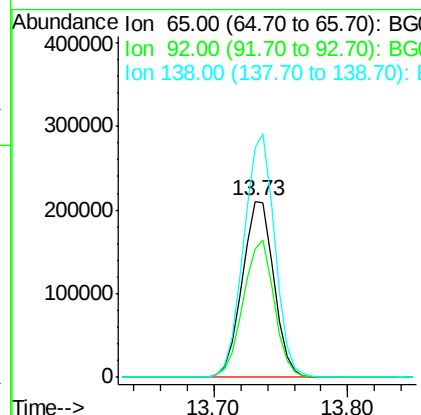
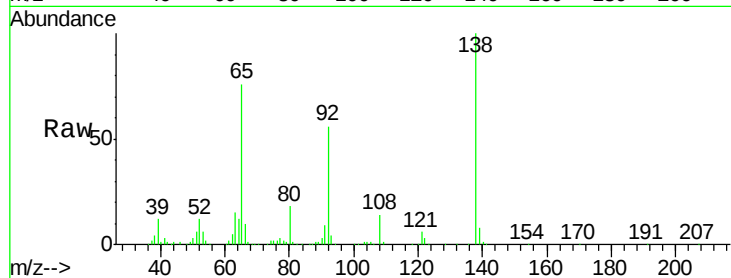
#47
2-Nitroaniline
Concen: 33.62 ng
RT: 13.73 min Scan# 1811
Delta R.T. -0.00 min
Lab File: BG026409.D
Acq: 23 Mar 2017 19:12

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.2	49.0	73.4
138	130.9	58.6	87.8

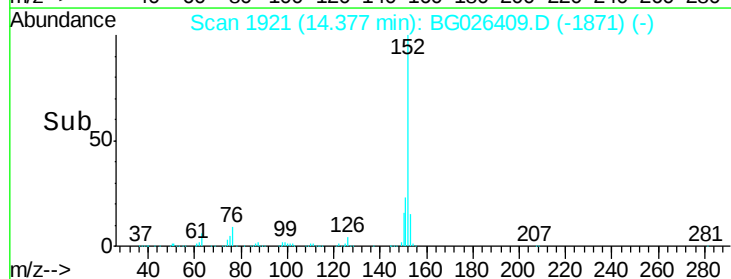
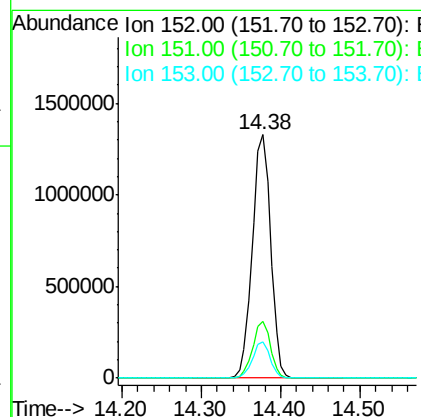
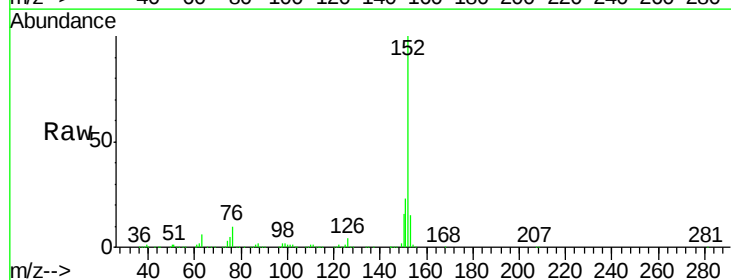
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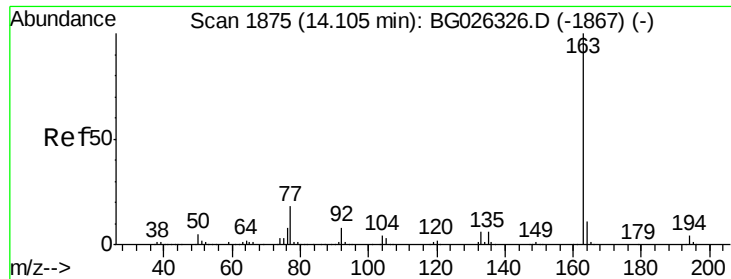
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#48
Acenaphthylene
Concen: 34.14 ng
RT: 14.38 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BG026409.D
Acq: 23 Mar 2017 19:12

Tgt Ion	Ratio	Lower	Upper
152	100		
151	23.3	18.2	27.2
153	14.8	11.3	16.9





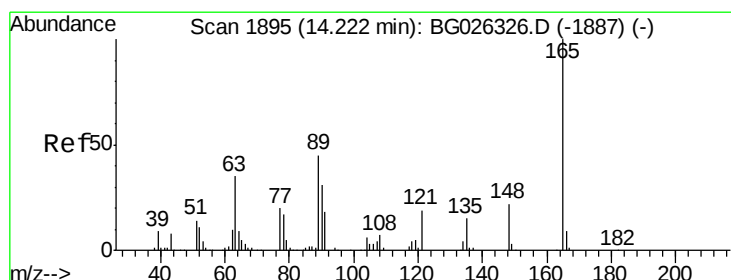
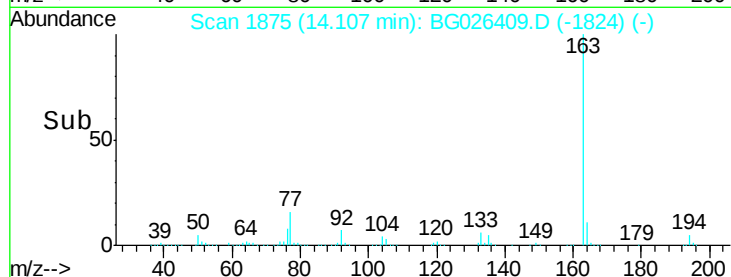
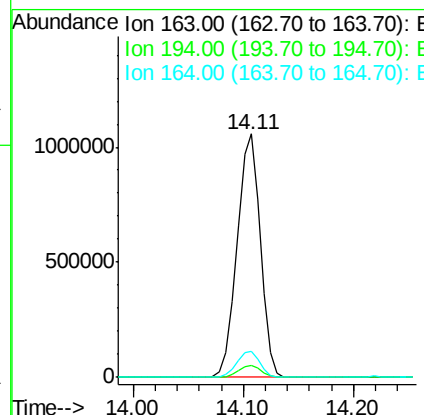
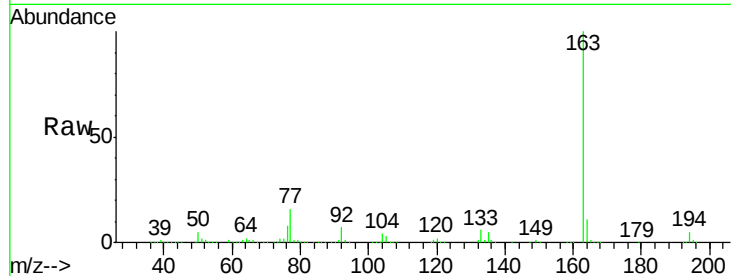
#49
Dimethylphthalate
Concen: 34.67 ng
RT: 14.11 min Scan# 1875
Delta R.T. 0.00 min
Lab File: BG026409.D
Acq: 23 Mar 2017 19:12

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:163 Resp: 1558670
Ion Ratio Lower Upper
163 100
194 4.7 3.8 5.6
164 10.8 9.3 13.9

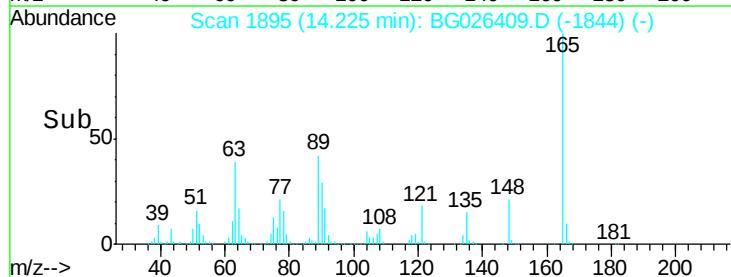
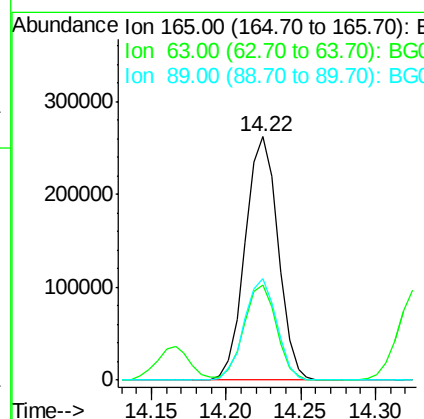
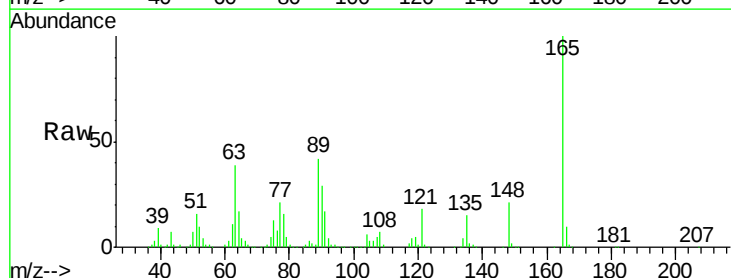
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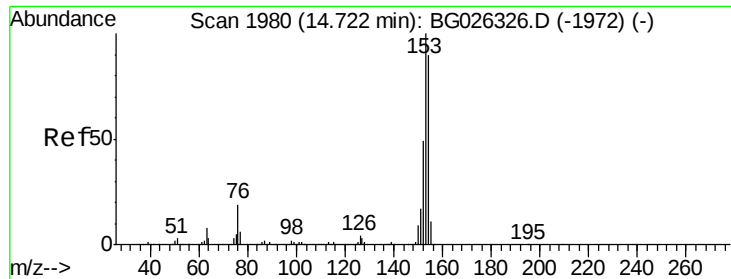
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#50
2,6-Dinitrotoluene
Concen: 38.01 ng
RT: 14.22 min Scan# 1895
Delta R.T. 0.00 min
Lab File: BG026409.D
Acq: 23 Mar 2017 19:12

Tgt Ion:165 Resp: 398830
Ion Ratio Lower Upper
165 100
63 39.2 63.9 95.9#
89 41.8 58.6 88.0#





#51

Acenaphthene

Concen: 34.40 ng

RT: 14.72 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BG026409.D

Acq: 23 Mar 2017 19:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:154 Resp: 1330700

Ion Ratio Lower Upper

154 100

153 111.1 87.8 131.6

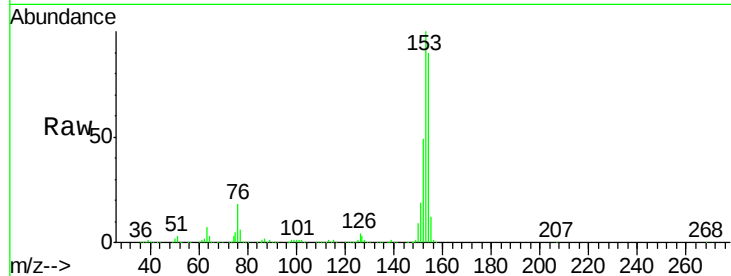
152 54.2 42.2 63.4

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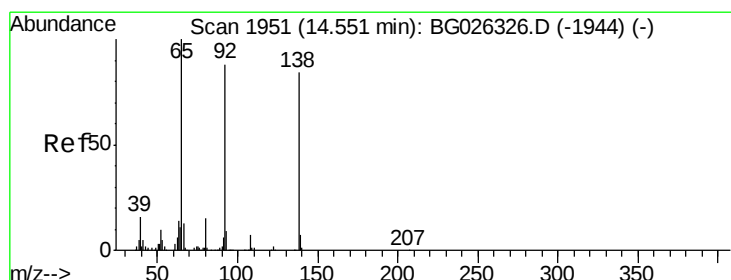
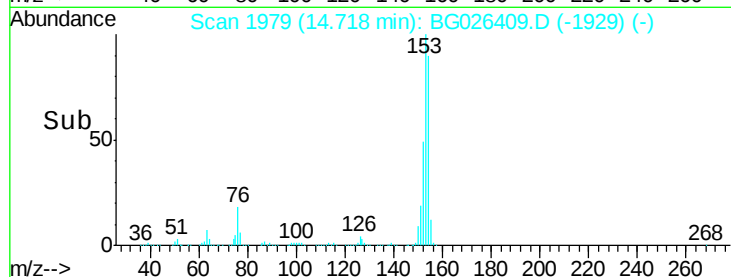
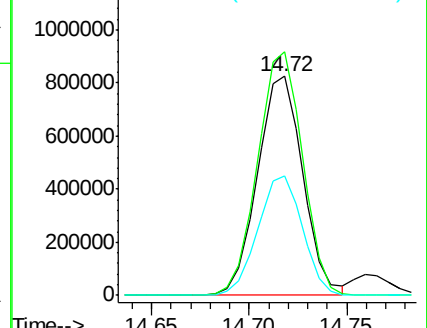
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.10 ng

RT: 14.55 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG026409.D

Acq: 23 Mar 2017 19:12

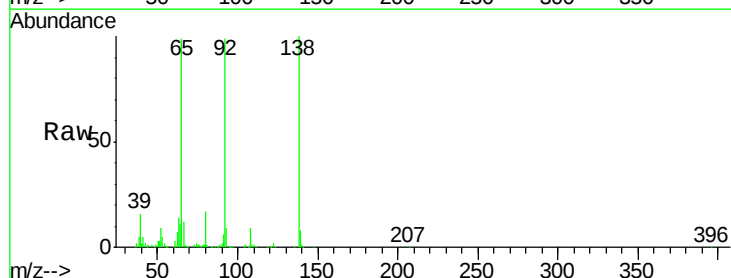
Tgt Ion:138 Resp: 440264

Ion Ratio Lower Upper

138 100

108 8.9 10.9 16.3#

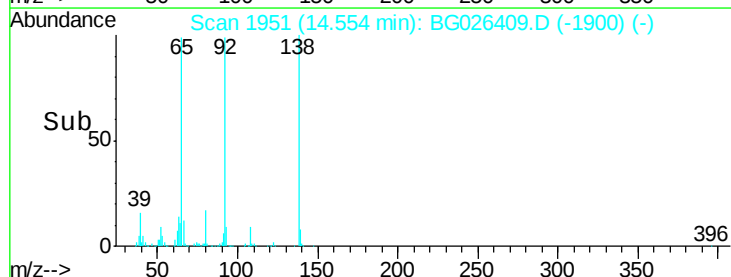
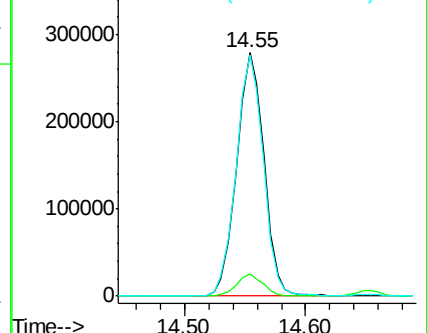
92 99.1 115.3 172.9#

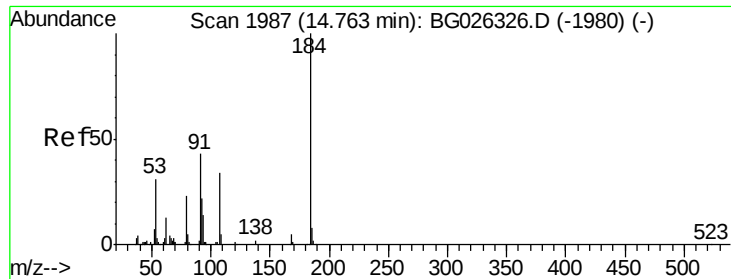


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





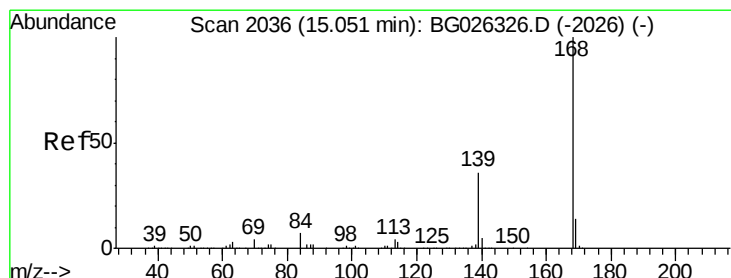
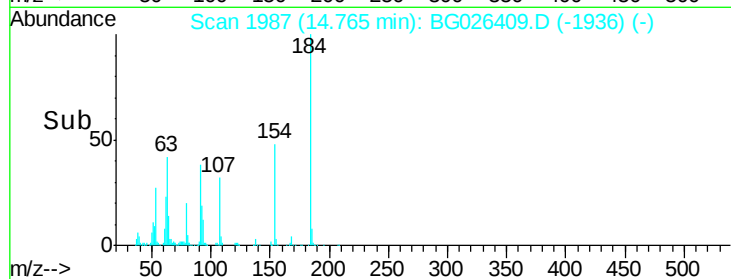
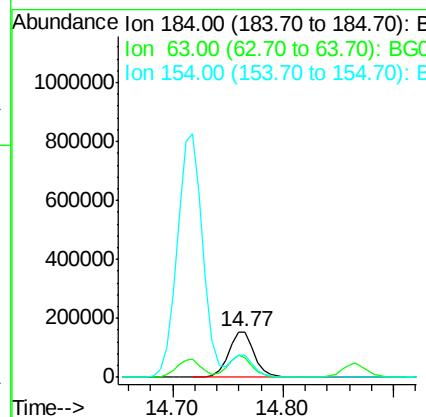
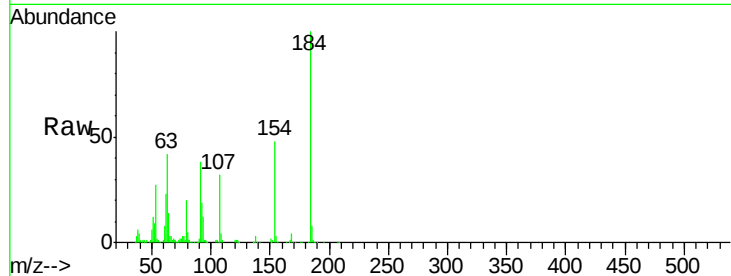
#53
2,4-Dinitrophenol
Concen: 41.91 ng
RT: 14.77 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG026409.D
Acq: 23 Mar 2017 19:12

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
184	100		
63	42.3	52.7	79.1#
154	48.5	57.3	85.9#

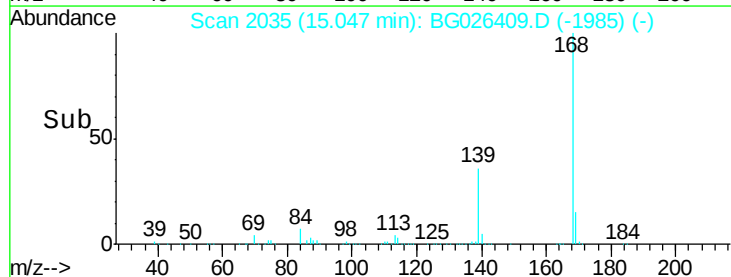
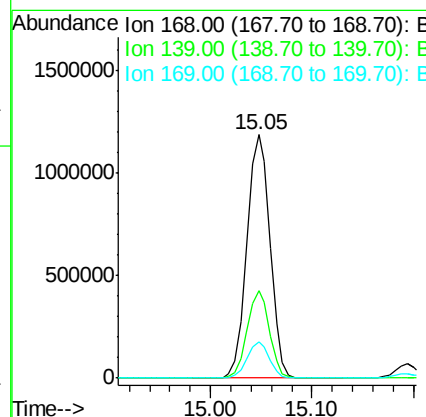
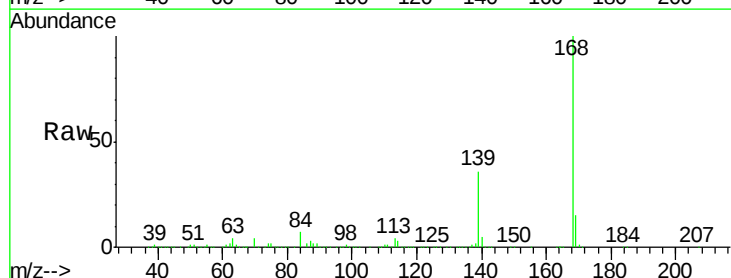
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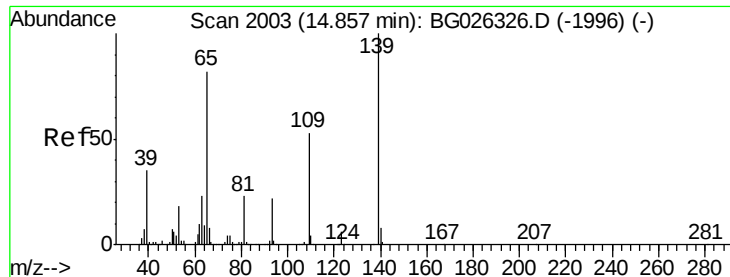
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#54
Dibenzofuran
Concen: 34.28 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG026409.D
Acq: 23 Mar 2017 19:12

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.1	35.3	52.9
169	15.0	11.5	17.3





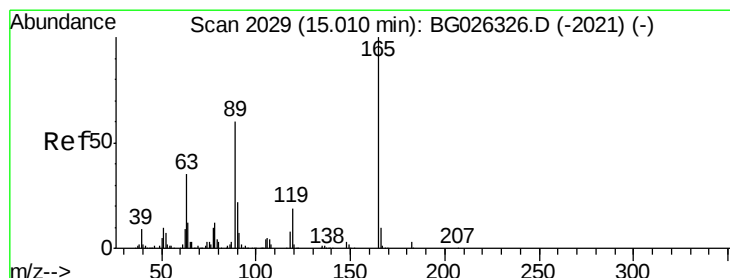
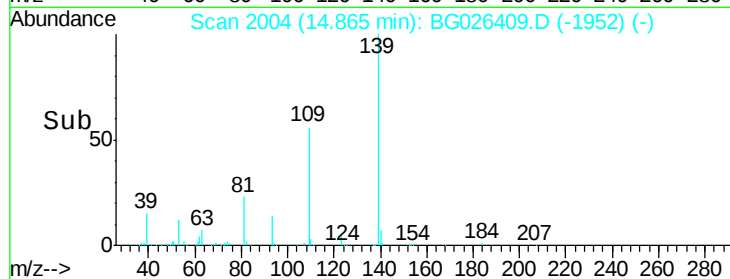
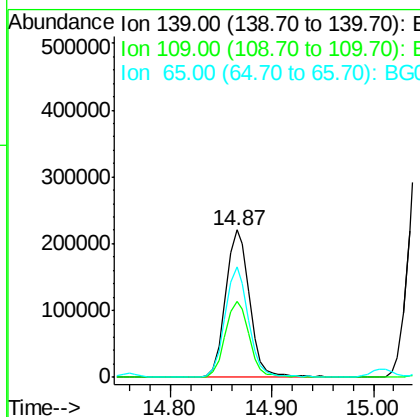
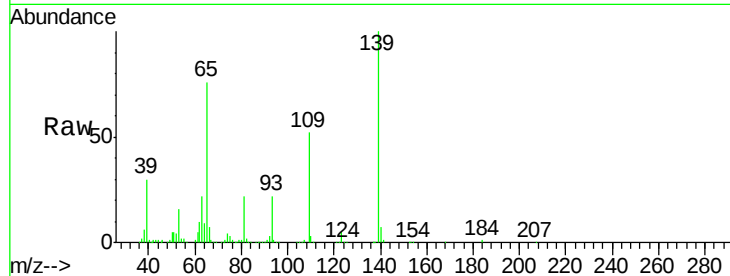
#55
4-Nitrophenol
Concen: 38.39 ng
RT: 14.87 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BG026409.D
Acq: 23 Mar 2017 19:12

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
139	100		
109	52.0	101.2	141.2#
65	75.5	135.3	175.3#

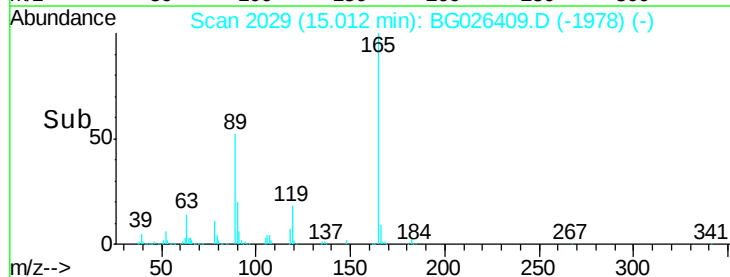
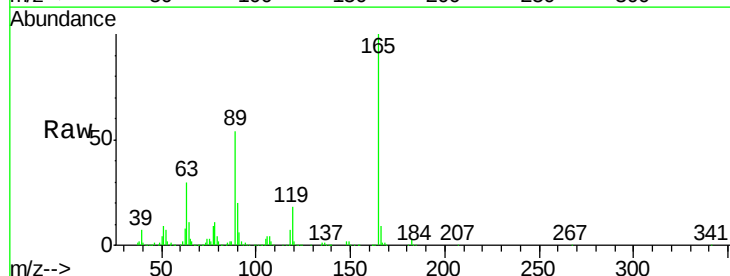
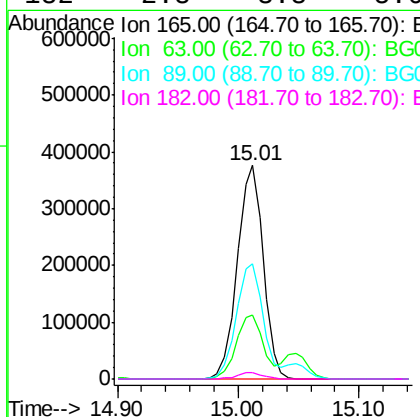
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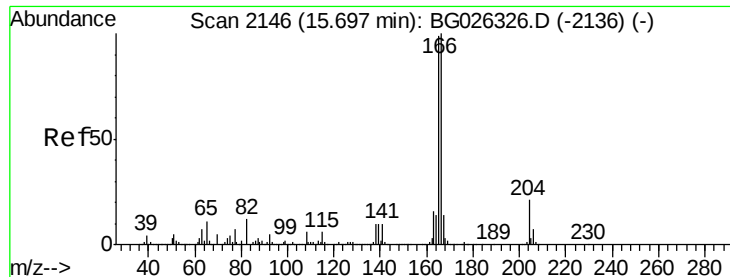
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#56
2,4-Dinitrotoluene
Concen: 38.04 ng
RT: 15.01 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BG026409.D
Acq: 23 Mar 2017 19:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	29.9	44.0	66.0#
89	53.8	67.3	100.9#
182	2.8	3.8	5.6#





#57

Fluorene

Concen: 34.70 ng

RT: 15.69 min Scan# 2145

Delta R.T. -0.00 min

Lab File: BG026409.D

Acq: 23 Mar 2017 19:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:166 Resp: 1681433

Ion Ratio Lower Upper

166 100

165 98.2 78.6 117.8

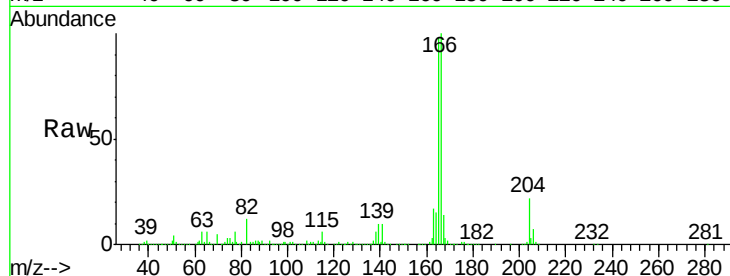
167 14.4 11.6 17.4

Manual Integrations

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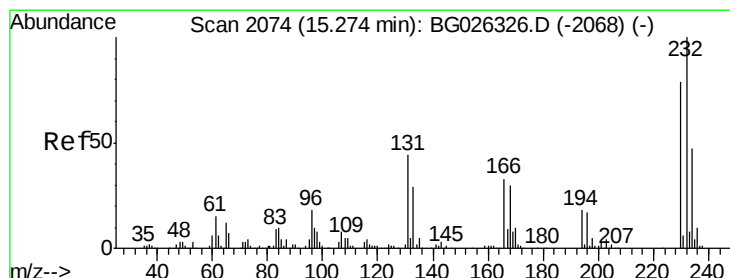
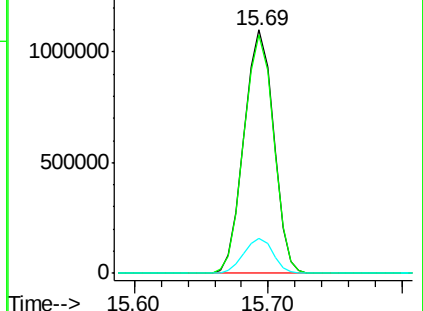
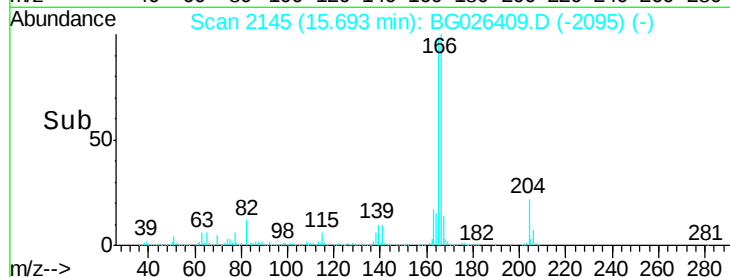
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Abundance Ion 166.00 (165.70 to 166.70): E

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: 37.52 ng

RT: 15.28 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BG026409.D

Acq: 23 Mar 2017 19:12

Tgt Ion:232 Resp: 424424

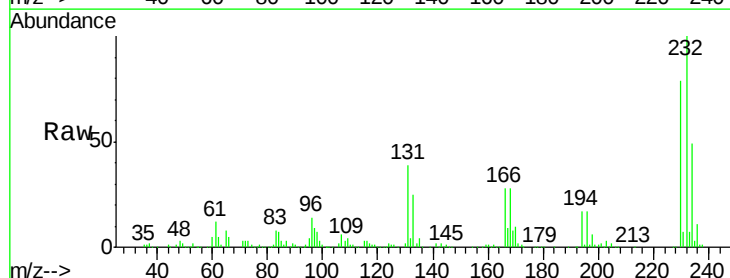
Ion Ratio Lower Upper

232 100

131 38.9 34.9 52.3

130 2.1 2.3 3.5#

166 29.1 24.2 36.4

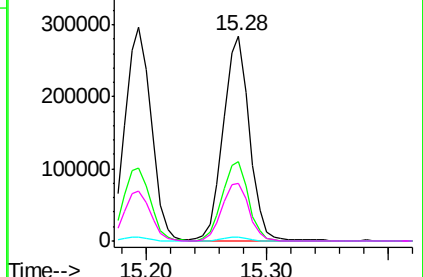
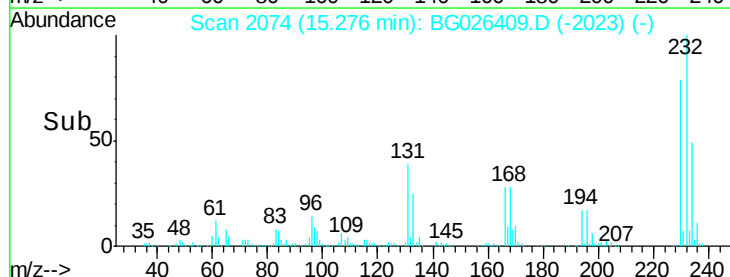


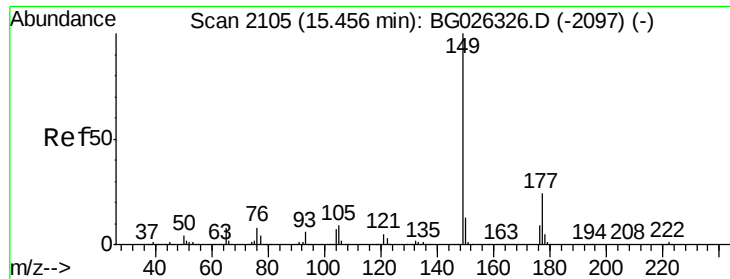
Abundance Ion 232.00 (231.70 to 232.70): E

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





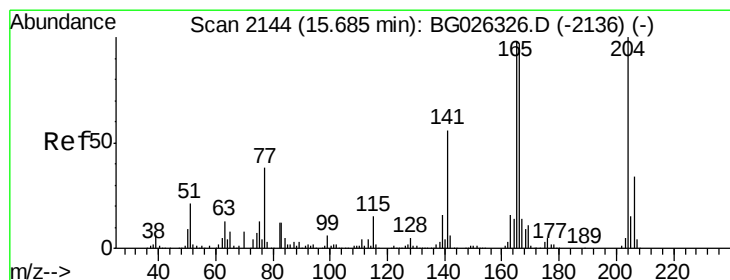
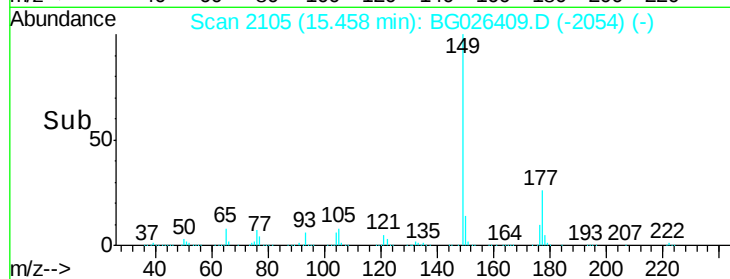
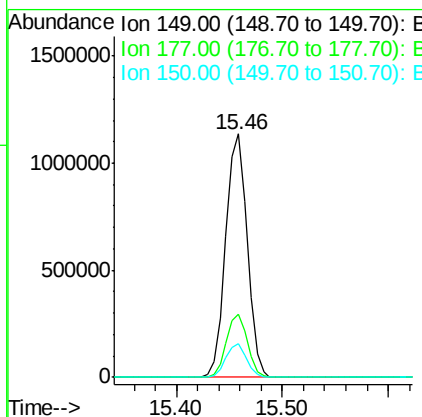
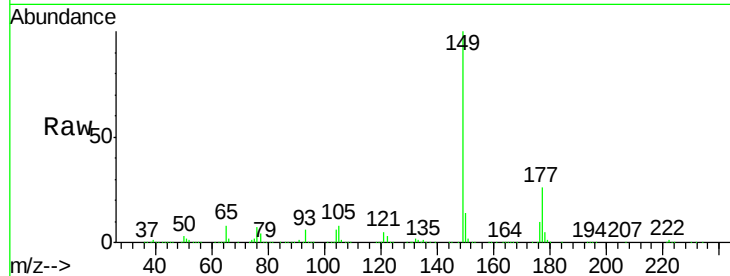
#59
Diethylphthalate
Concen: 34.70 ng
RT: 15.46 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BG026409.D
Acq: 23 Mar 2017 19:12

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
177	26.0	20.1	30.1
150	13.7	10.2	15.2

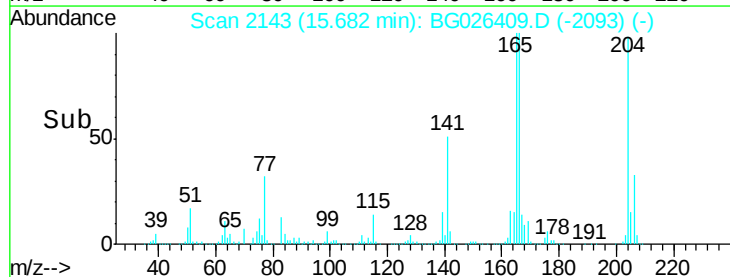
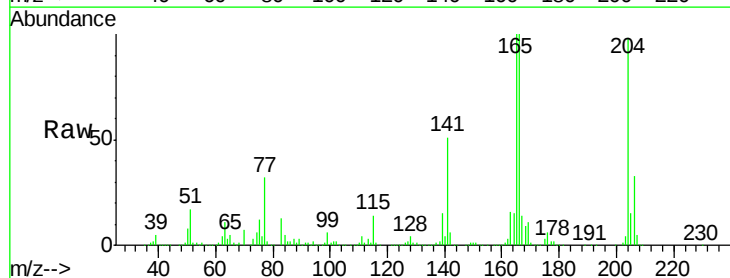
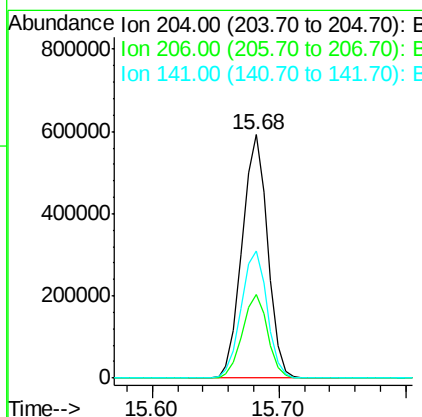
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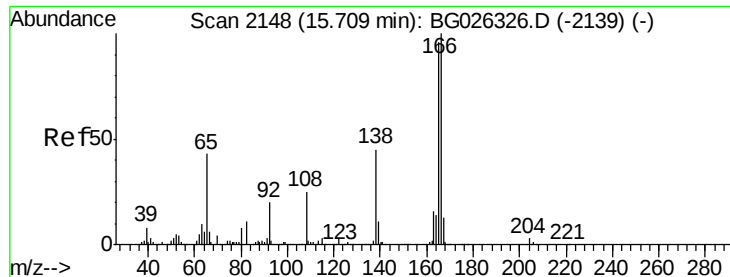
mohammad
3/24/2017 12:17:48 PM



#60
4-Chlorophenyl-phenylether
Concen: 35.90 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG026409.D
Acq: 23 Mar 2017 19:12

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.2	30.1	45.1
141	52.3	50.6	76.0





#61

4-Nitroaniline

Concen: 38.63 ng

RT: 15.72 min Scan# 2149

Delta R.T. 0.01 min

Lab File: BG026409.D

Acq: 23 Mar 2017 19:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:138 Resp: 472177
Ion Ratio Lower Upper

138 100

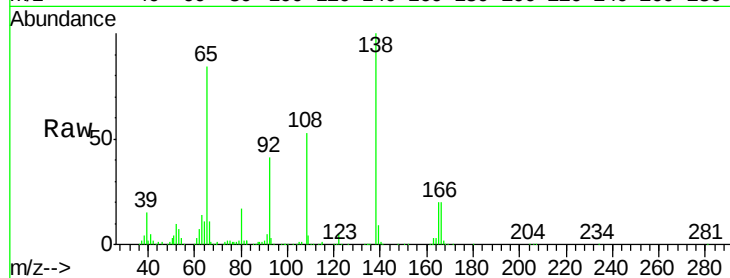
92 41.4 44.2 84.2#

108 53.5 104.8 144.8#

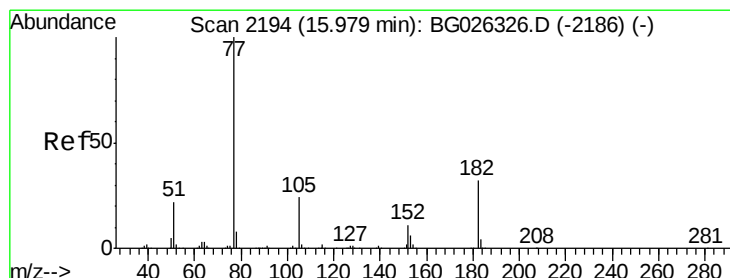
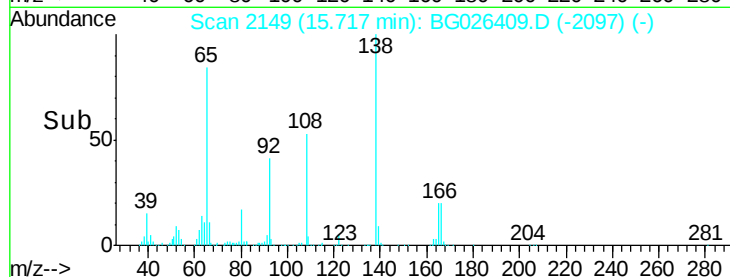
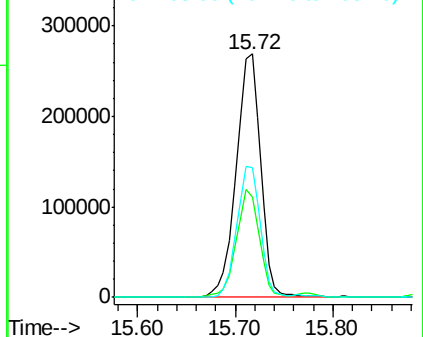
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Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 32.00 ng

RT: 15.98 min Scan# 2193

Delta R.T. -0.00 min

Lab File: BG026409.D

Acq: 23 Mar 2017 19:12

Tgt Ion: 77 Resp: 1195783
Ion Ratio Lower Upper

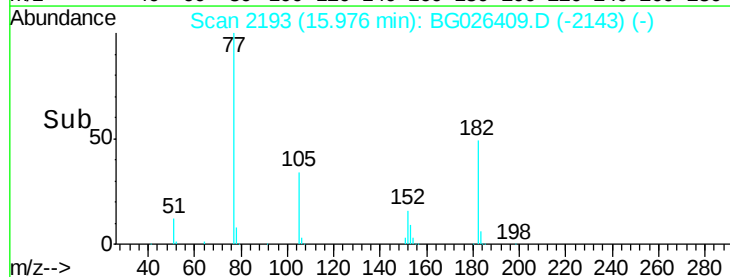
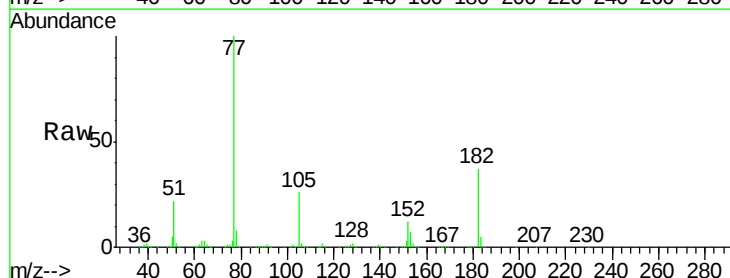
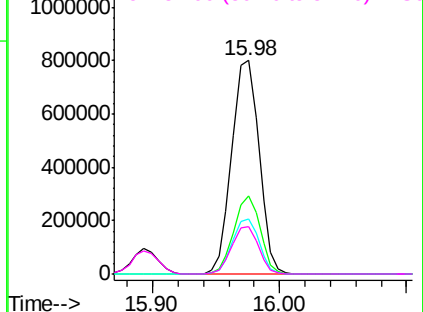
77 100

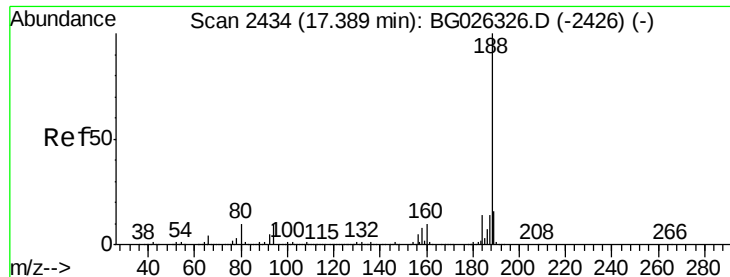
182 36.8 4.7 44.7

105 26.1 0.0 36.3

51 22.2 16.4 56.4

Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.39 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BG026409.D

Acq: 23 Mar 2017 19:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:188 Resp: 1283586

Ion Ratio Lower Upper

188 100

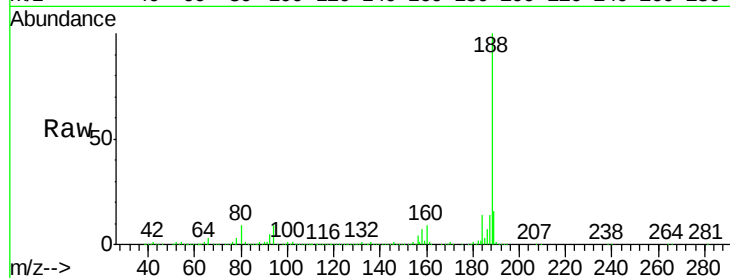
94 8.8 5.8 8.8#

80 9.4 7.5 11.3

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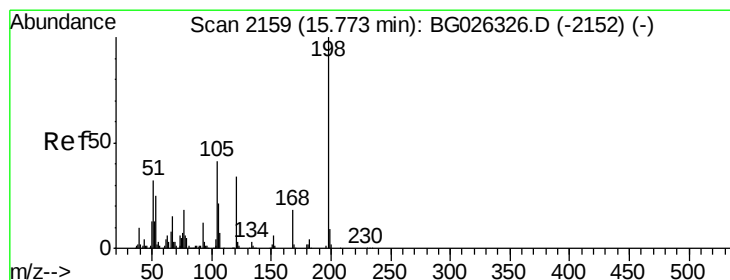
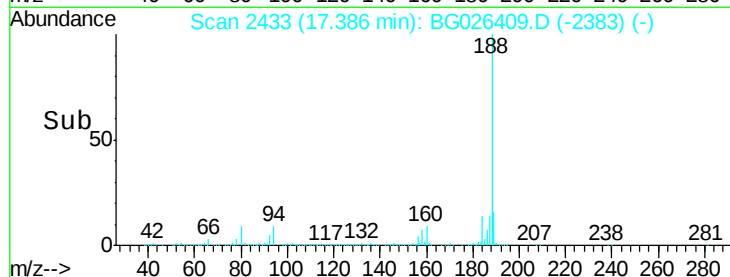
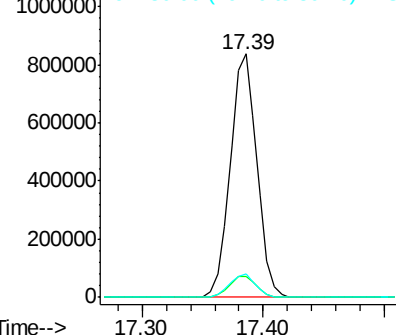
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 46.14 ng

RT: 15.78 min Scan# 2159

Delta R.T. 0.00 min

Lab File: BG026409.D

Acq: 23 Mar 2017 19:12

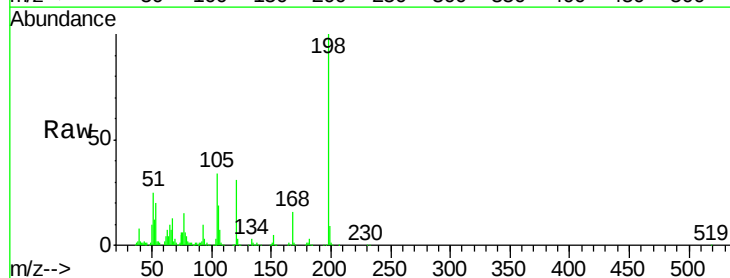
Tgt Ion:198 Resp: 373357

Ion Ratio Lower Upper

198 100

51 25.2 22.6 62.6

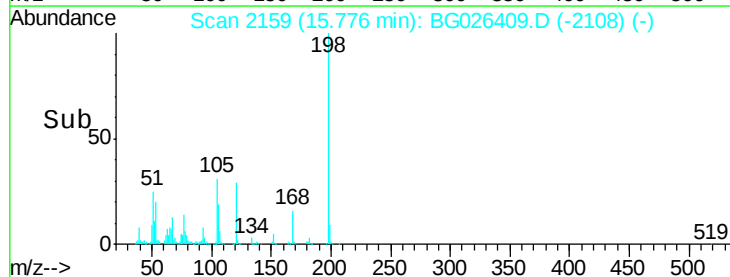
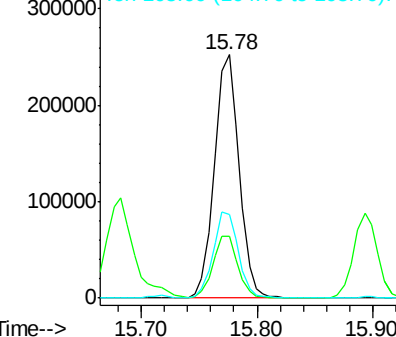
105 34.3 14.4 54.4

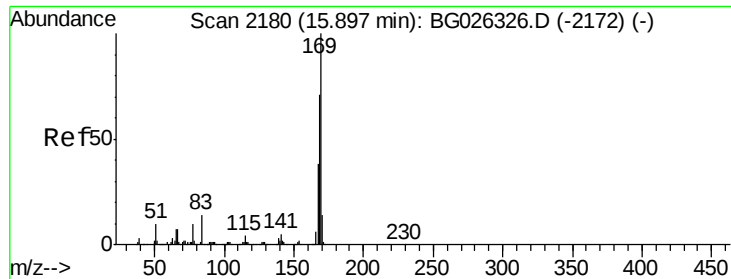


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





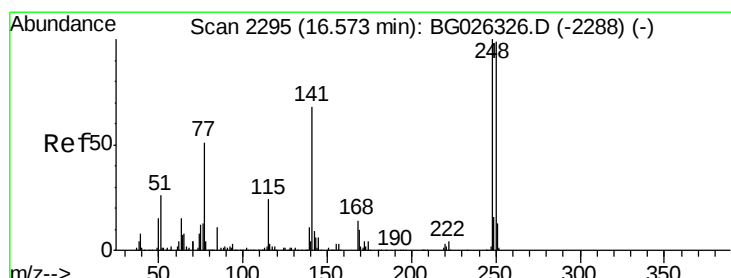
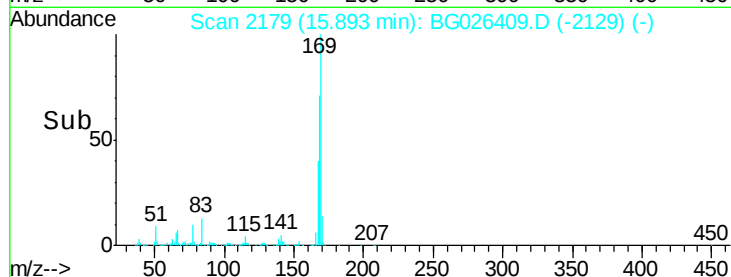
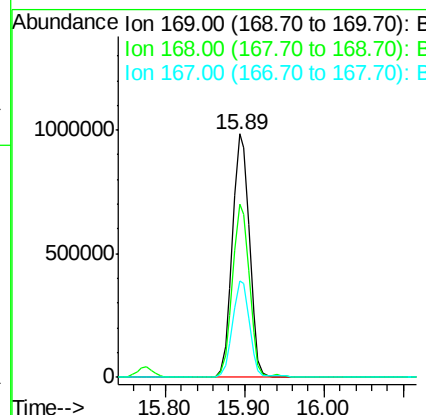
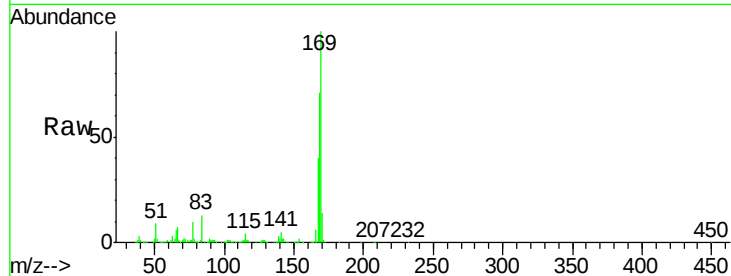
#65
n-Nitrosodiphenylamine
Concen: 38.88 ng
RT: 15.89 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BG026409.D
Acq: 23 Mar 2017 19:12

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
169	100		
168	71.2	55.7	83.5
167	39.8	29.8	44.6

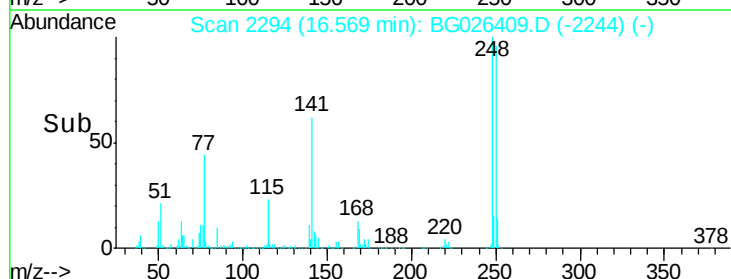
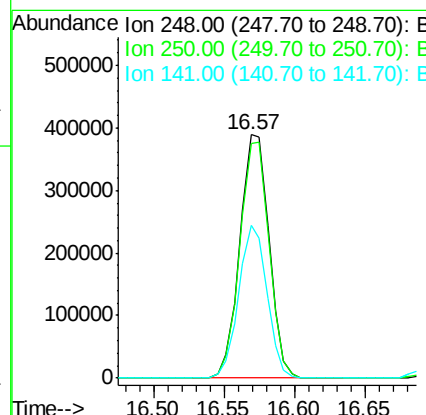
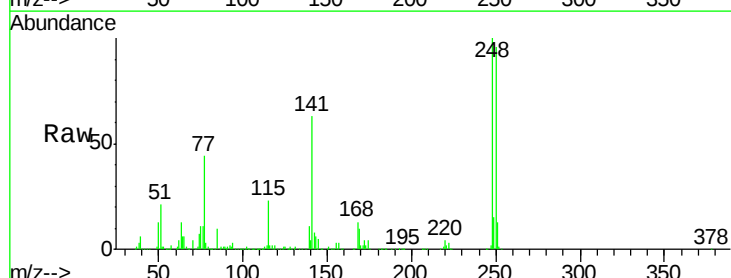
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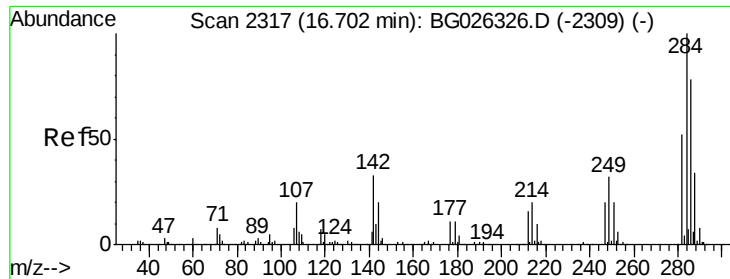
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 42.62 ng
RT: 16.57 min Scan# 2294
Delta R.T. -0.00 min
Lab File: BG026409.D
Acq: 23 Mar 2017 19:12

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.4	75.0	112.6
141	62.6	55.2	82.8





#67

Hexachlorobenzene

Concen: 41.86 ng

RT: 16.70 min Scan# 2316

Delta R.T. -0.00 min

Lab File: BG026409.D

Acq: 23 Mar 2017 19:12

Instrument :

BNA_G

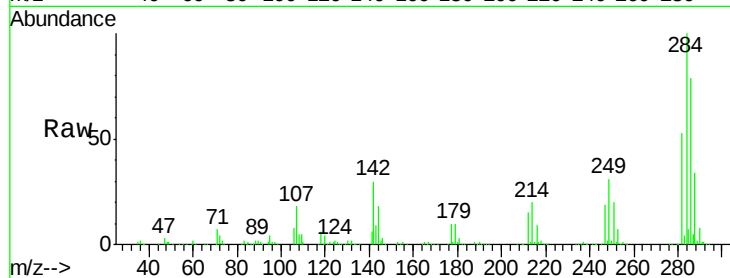
ClientSampleId :

SSTDCCC040EC

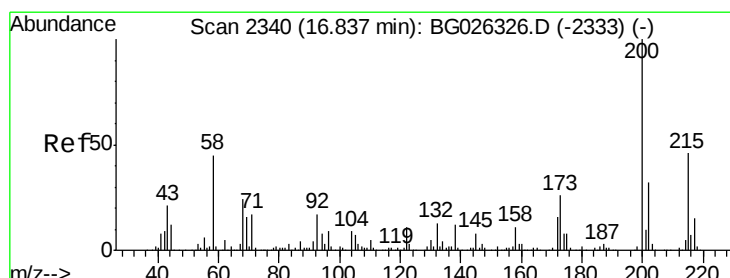
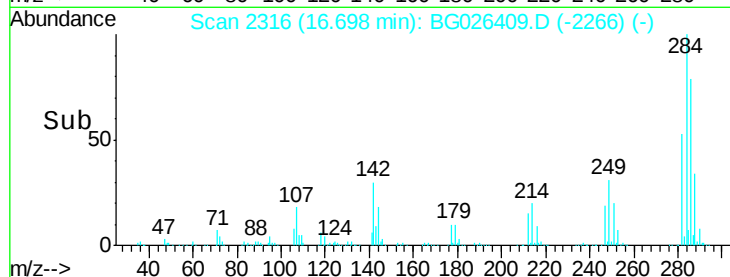
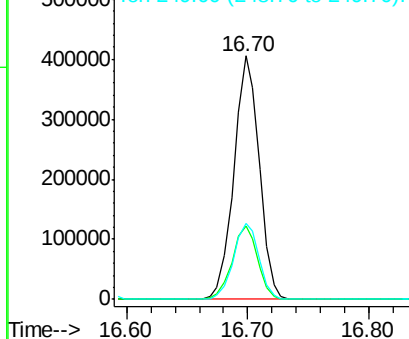
Tot Ion:	284	Resp:	589956
Ion Ratio		Lower	Upper
284	100		
142	30.1	29.9	44.9
249	31.0	29.2	43.8

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



#68

Atrazine

Concen: 39.30 ng

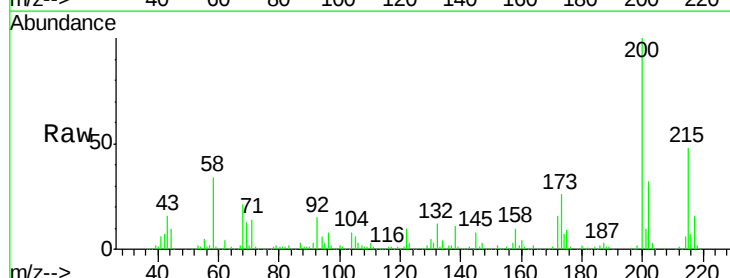
RT: 16.84 min Scan# 2340

Delta R.T. 0.00 min

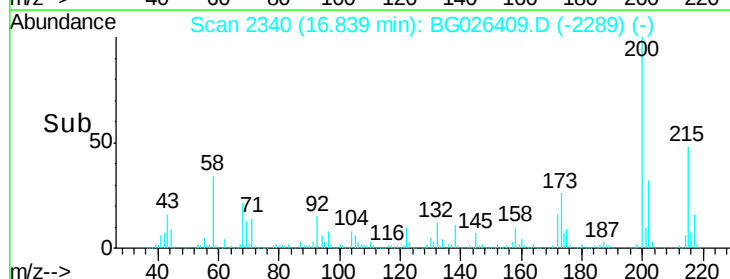
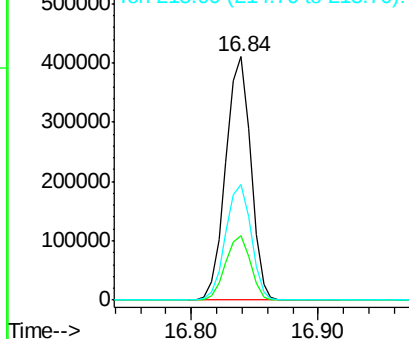
Lab File: BG026409.D

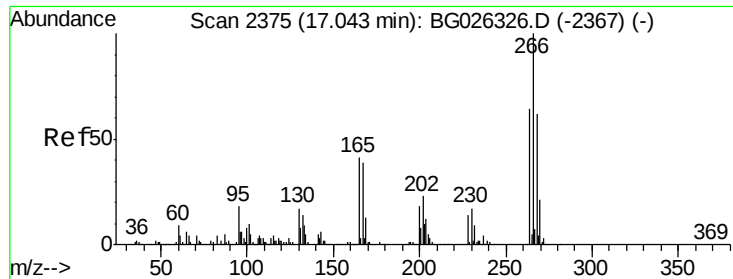
Acq: 23 Mar 2017 19:12

Tgt Ion:	200	Resp:	560447
Ion Ratio		Lower	Upper
200	100		
173	26.3	3.0	43.0
215	47.6	28.4	68.4



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





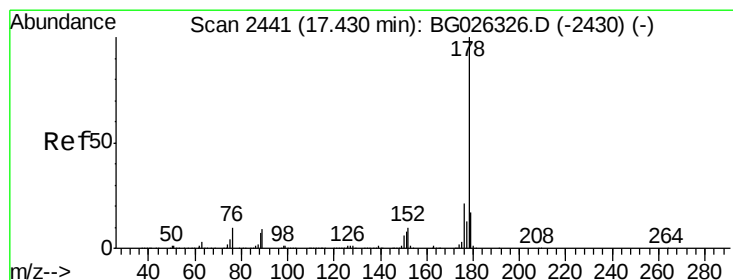
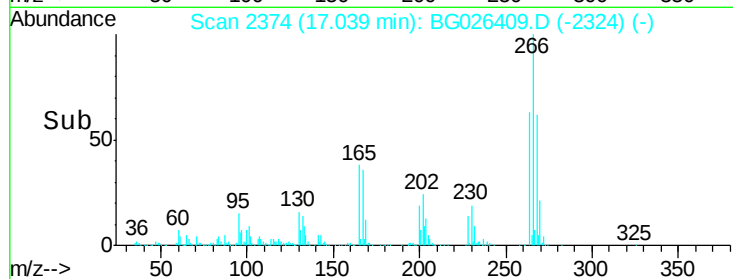
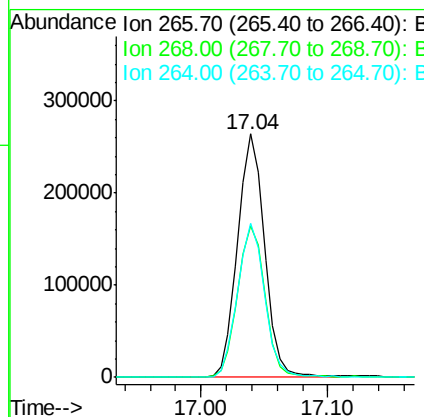
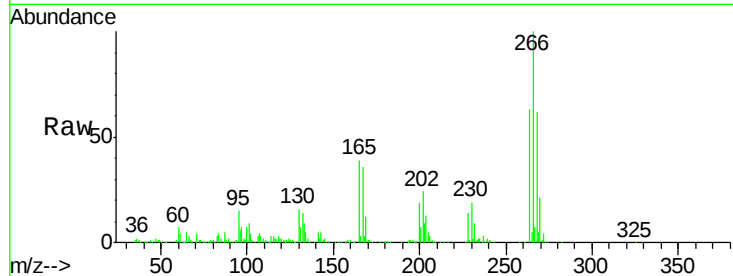
#69
 Pentachlorophenol
 Concen: 42.61 ng
 RT: 17.04 min Scan# 2374
 Delta R.T. -0.00 min
 Lab File: BG026409.D
 Acq: 23 Mar 2017 19:12

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
266	100	390467		
268	62.3	48.6	72.8	
264	63.0	50.1	75.1	

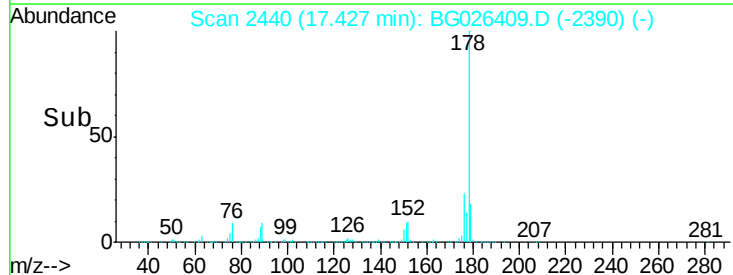
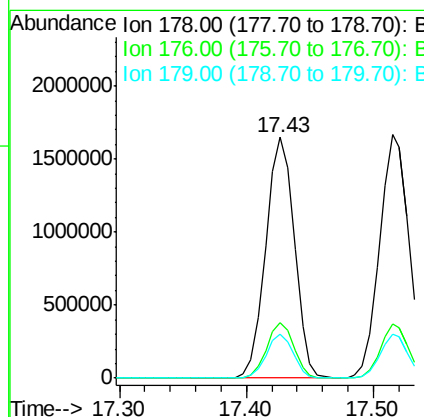
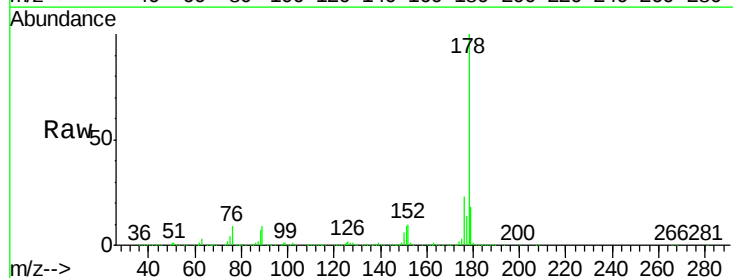
Manual Integrations
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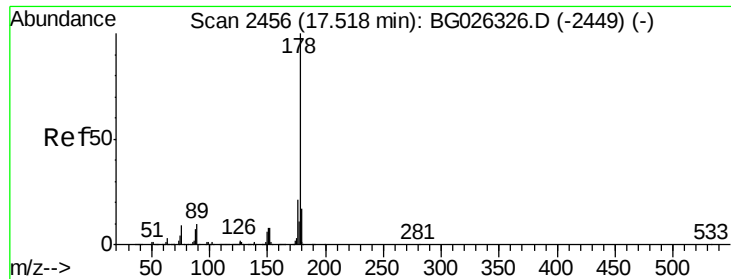
mohammad
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#70
 Phenanthrene
 Concen: 37.59 ng
 RT: 17.43 min Scan# 2440
 Delta R.T. -0.00 min
 Lab File: BG026409.D
 Acq: 23 Mar 2017 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2590682		
176	22.8	17.7	26.5	
179	18.3	15.0	22.6	





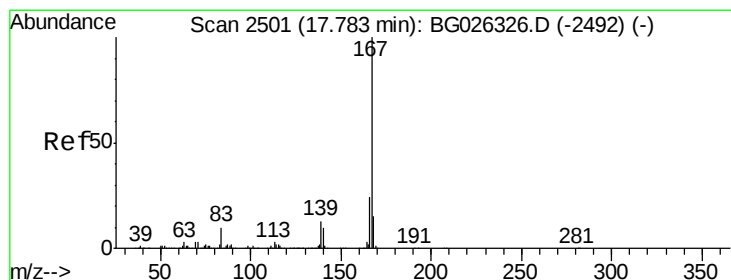
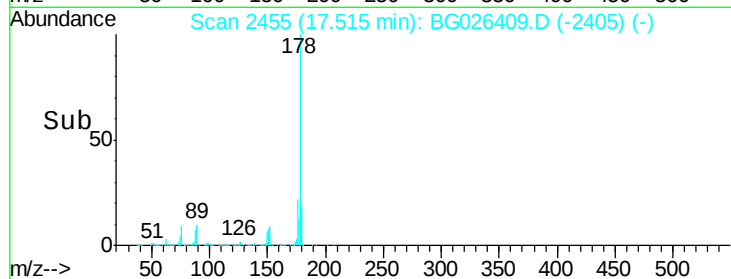
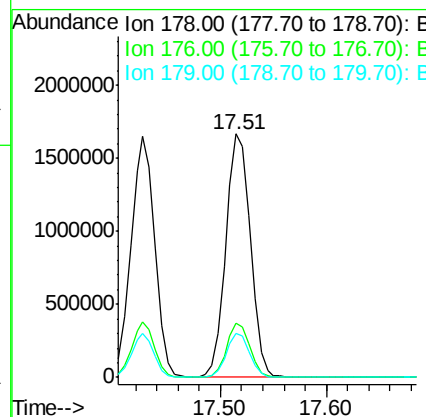
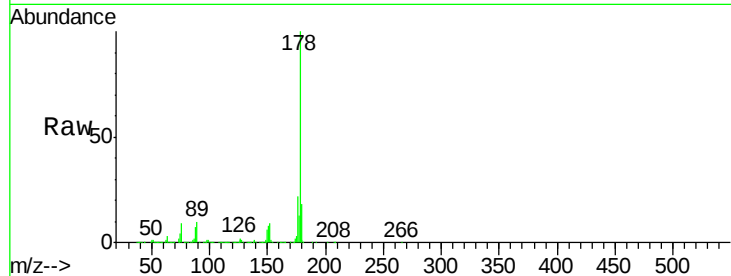
#71
 Anthracene
 Concen: 38.17 ng
 RT: 17.51 min Scan# 2455
 Delta R.T. -0.00 min
 Lab File: BG026409.D
 Acq: 23 Mar 2017 19:12

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
178	100		
176	22.1	16.4	24.6
179	18.1	13.8	20.8

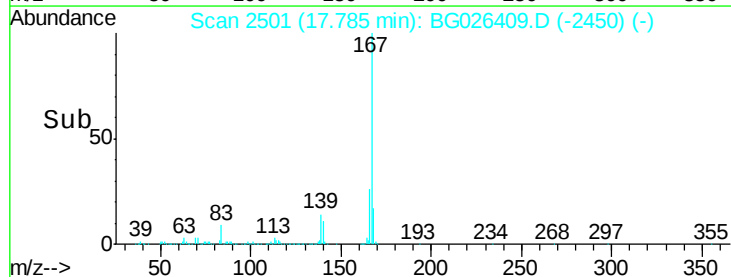
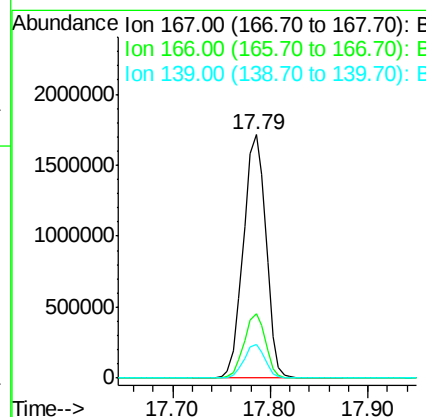
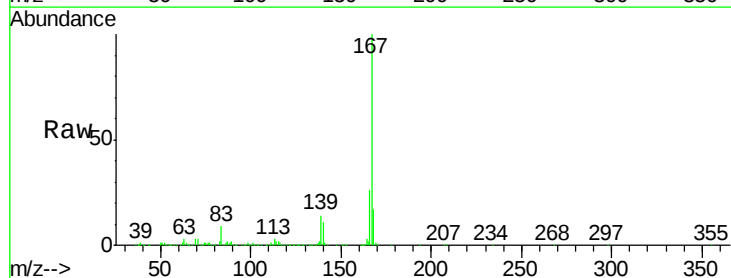
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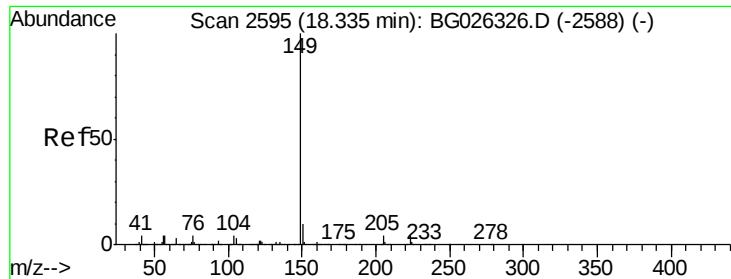
mohammad
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#72
 Carbazole
 Concen: 38.26 ng
 RT: 17.79 min Scan# 2501
 Delta R.T. 0.00 min
 Lab File: BG026409.D
 Acq: 23 Mar 2017 19:12

Tgt Ion	Ratio	Lower	Upper
167	100		
166	26.5	20.2	30.2
139	14.1	12.8	19.2





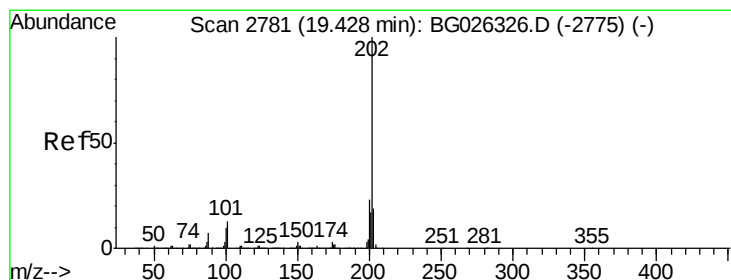
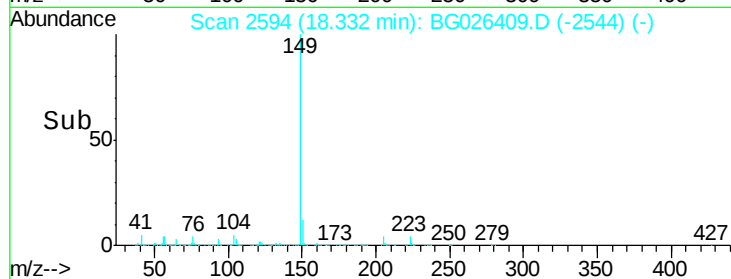
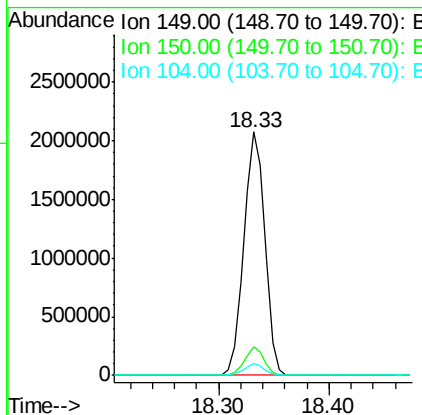
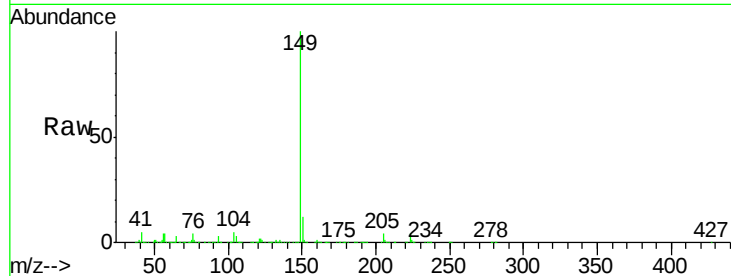
#73
Di-n-butylphthalate
Concen: 37.21 ng
RT: 18.33 min Scan# 2594
Delta R.T. -0.00 min
Lab File: BG026409.D
Acq: 23 Mar 2017 19:12

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
150	11.6	9.1	13.7
104	4.9	6.7	10.1

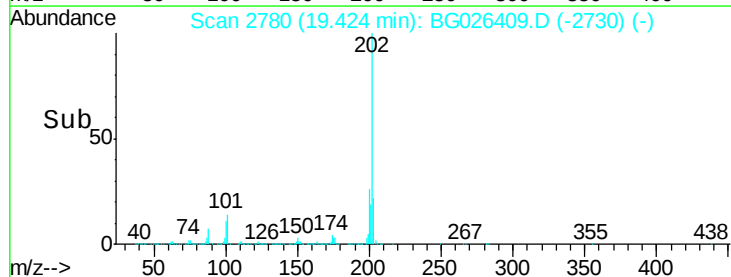
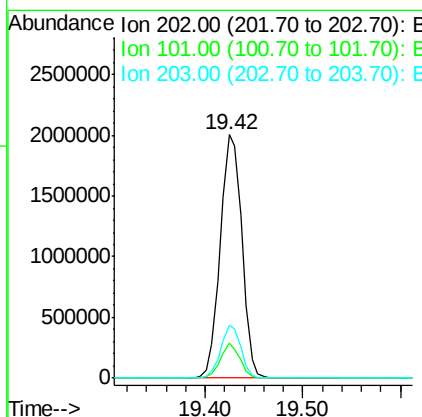
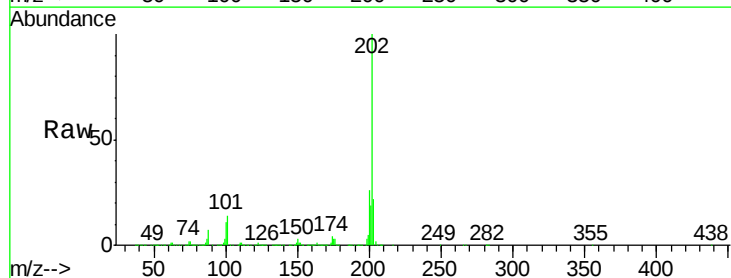
Manual Integrations
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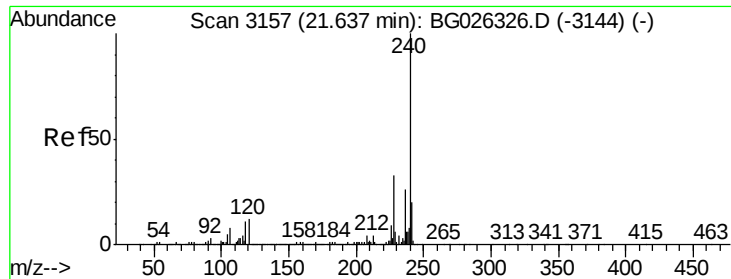
mohammad
3/24/2017 12:17:48 PM



#74
Fluoranthene
Concen: 37.84 ng
RT: 19.42 min Scan# 2780
Delta R.T. -0.00 min
Lab File: BG026409.D
Acq: 23 Mar 2017 19:12

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	30.1
203	21.8	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG026409.D

Acq: 23 Mar 2017 19:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:240 Resp: 1439064

Ion Ratio Lower Upper

240 100

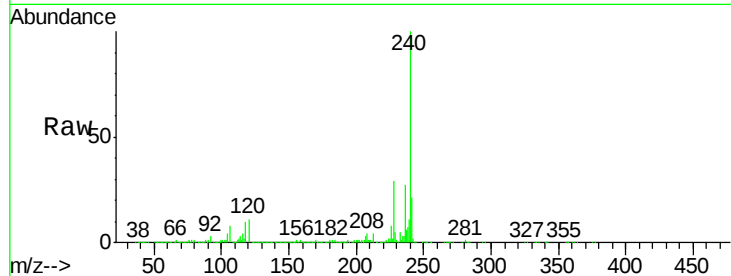
120 11.2 5.7 8.5#

236 26.5 22.2 33.4

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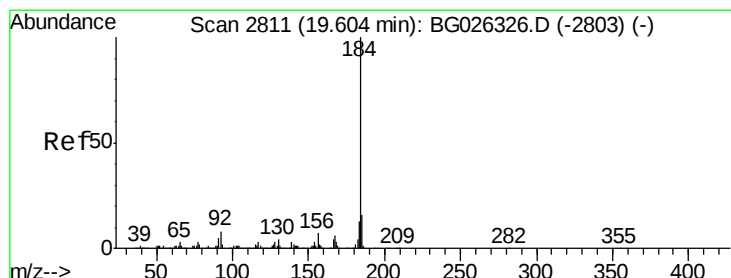
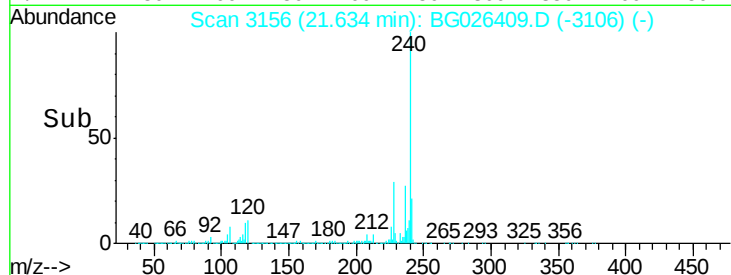
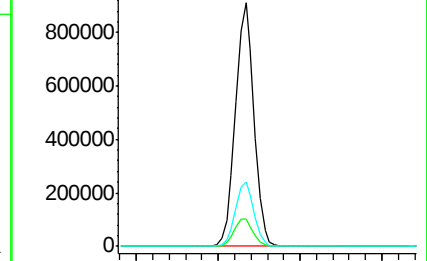
3/24/2017 12:17:48 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 22.29 ng

RT: 19.60 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG026409.D

Acq: 23 Mar 2017 19:12

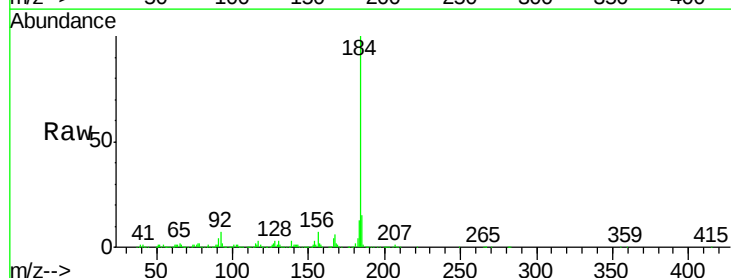
Tgt Ion:184 Resp: 1105887

Ion Ratio Lower Upper

184 100

185 15.1 13.0 19.6

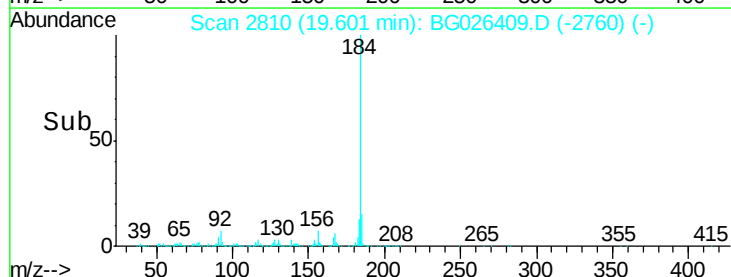
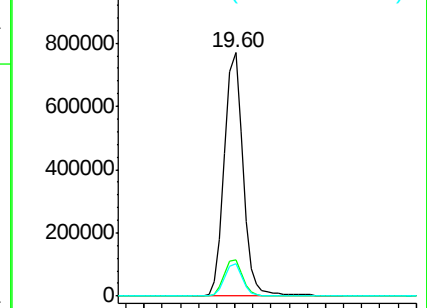
183 13.1 11.0 16.6

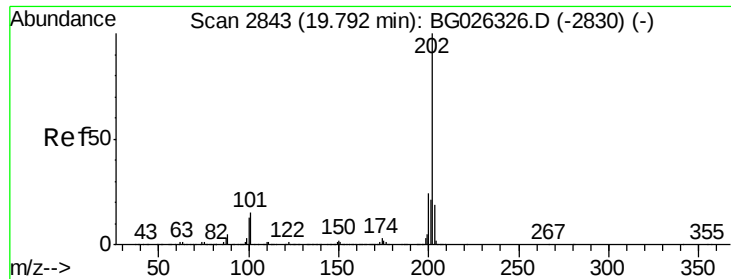


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.94 ng

RT: 19.79 min Scan# 2842

Delta R.T. -0.00 min

Lab File: BG026409.D

Acq: 23 Mar 2017 19:12

Instrument :

BNA_G

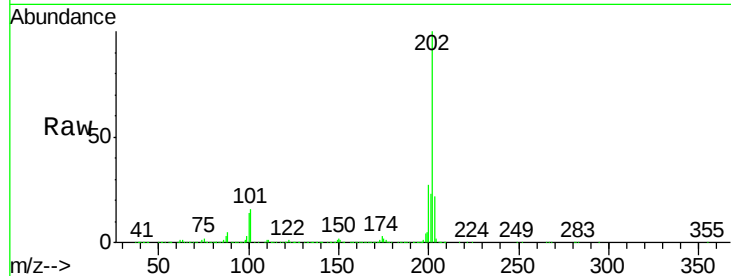
ClientSampleId :

SSTDCCC040EC

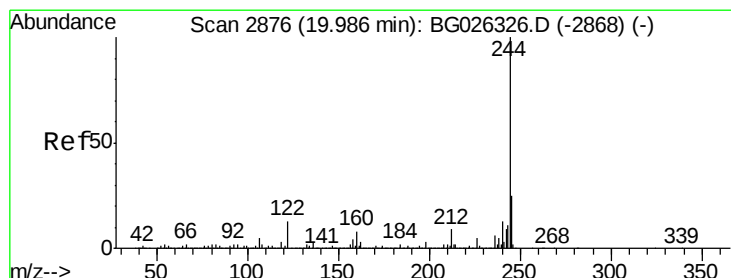
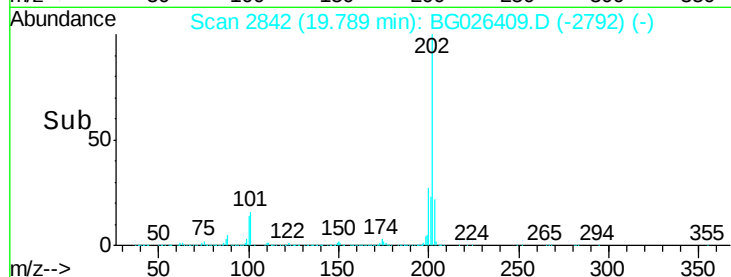
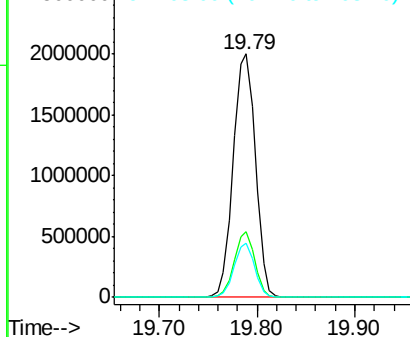
Tot Ion:	202	Resp:	3161576
Ion	Ratio	Lower	Upper
202	100		
200	27.0	19.6	29.4
203	22.3	15.8	23.8

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



#78

Terphenyl-d14

Concen: 65.82 ng

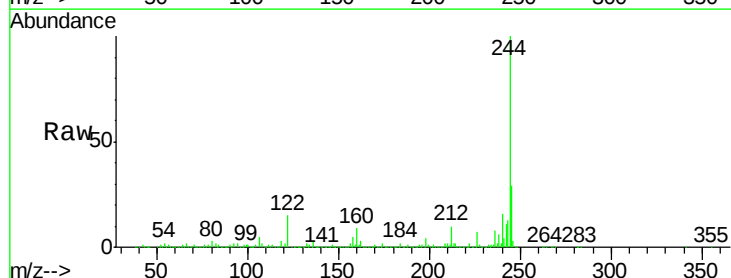
RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

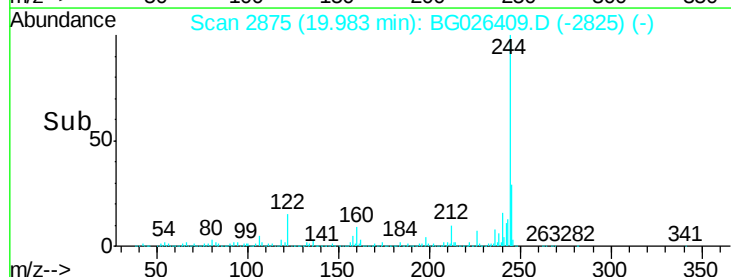
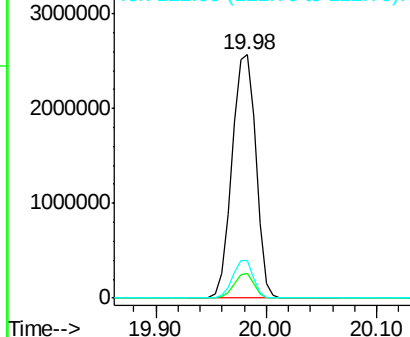
Lab File: BG026409.D

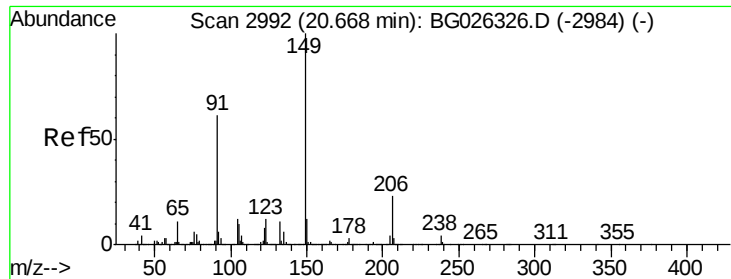
Acq: 23 Mar 2017 19:12

Tgt Ion:	244	Resp:	3900345
Ion	Ratio	Lower	Upper
244	100		
212	10.2	10.0	15.0
122	15.5	8.6	12.8#



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





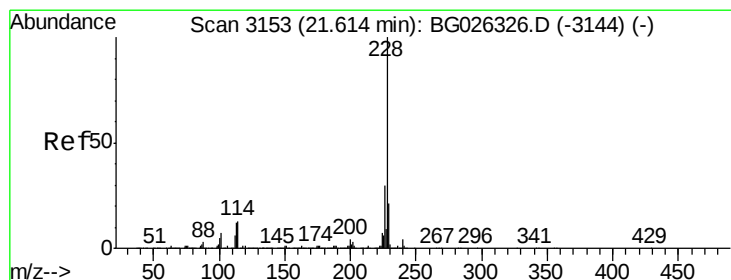
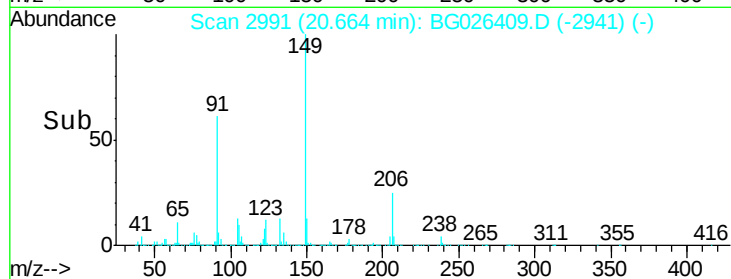
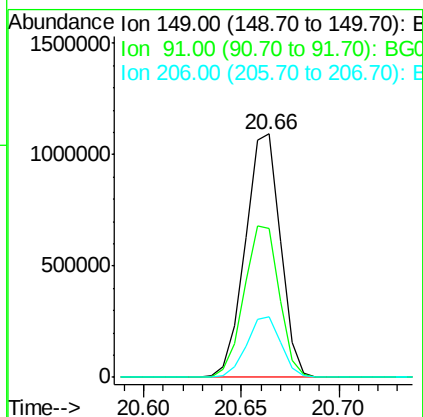
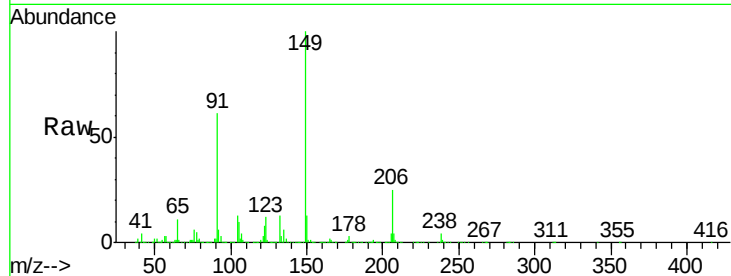
#79
Butylbenzylphthalate
Concen: 40.87 ng
RT: 20.66 min Scan# 2991
Delta R.T. -0.00 min
Lab File: BG026409.D
Acq: 23 Mar 2017 19:12

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
91	61.4	63.5	95.3#
206	24.9	21.0	31.6

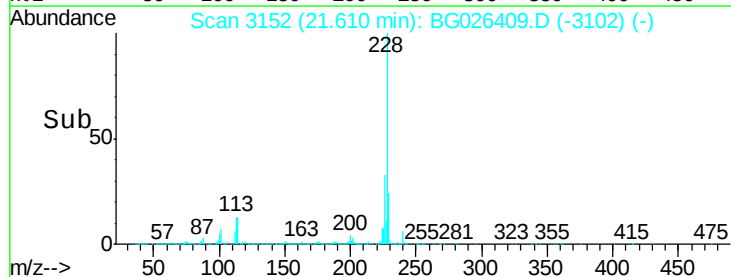
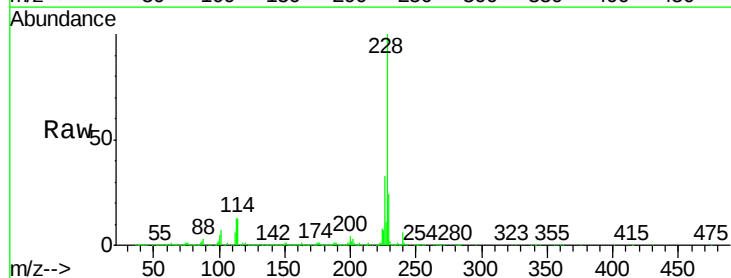
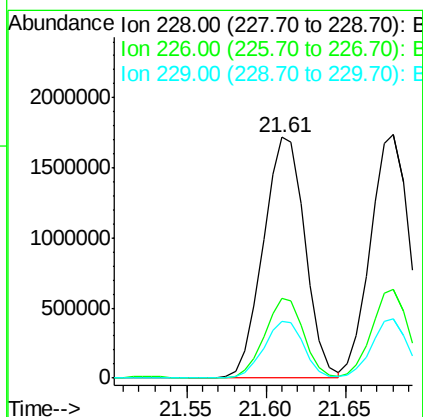
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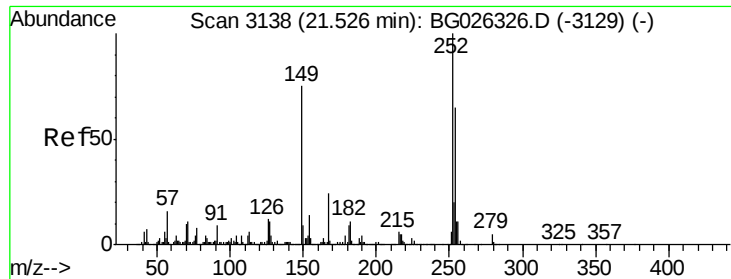
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#80
Benzo(a)anthracene
Concen: 38.76 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.00 min
Lab File: BG026409.D
Acq: 23 Mar 2017 19:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.1	24.9	37.3
229	23.7	18.2	27.2





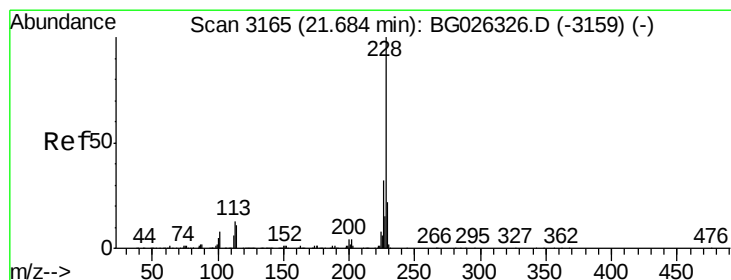
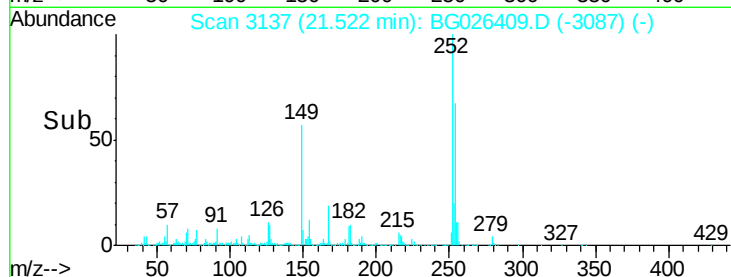
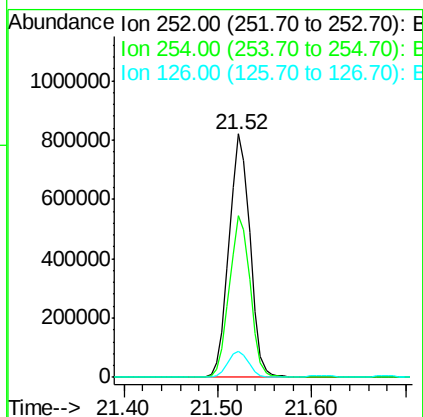
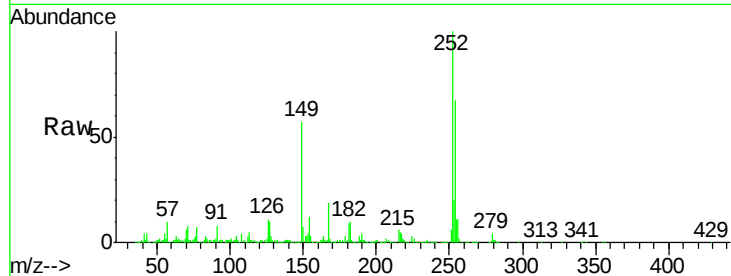
#81
 3,3'-Dichlorobenzidine
 Concen: 38.47 ng
 RT: 21.52 min Scan# 3137
 Delta R.T. -0.00 min
 Lab File: BG026409.D
 Acq: 23 Mar 2017 19:12

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.6	53.1	79.7
126	10.7	7.0	10.4

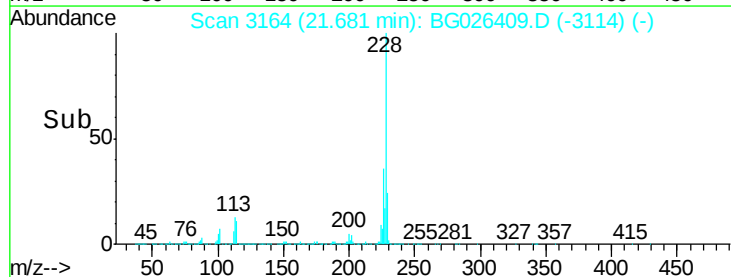
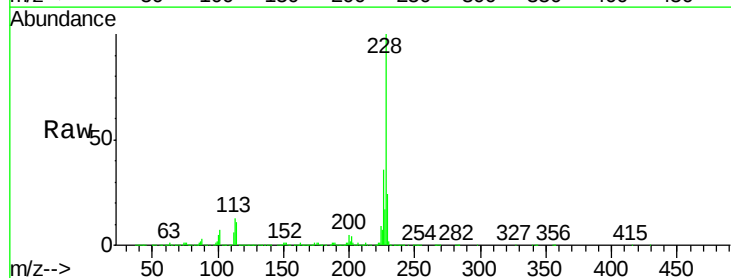
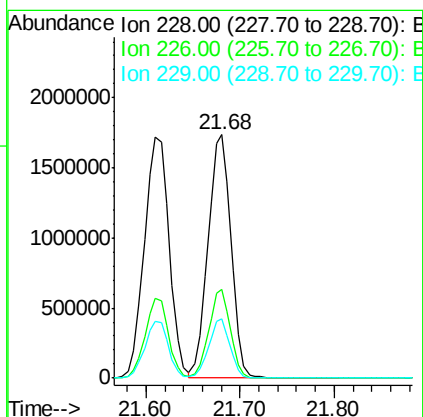
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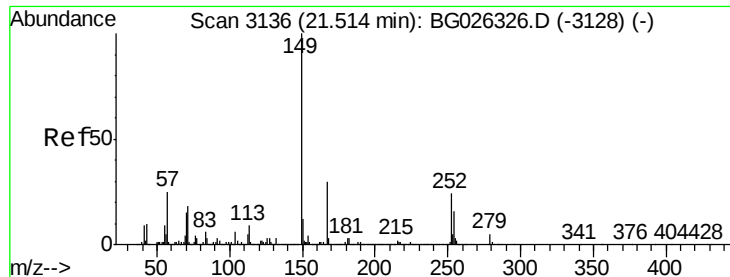
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#82
 Chrysene
 Concen: 38.41 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. -0.00 min
 Lab File: BG026409.D
 Acq: 23 Mar 2017 19:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	36.5	27.0	40.4
229	24.1	17.8	26.6





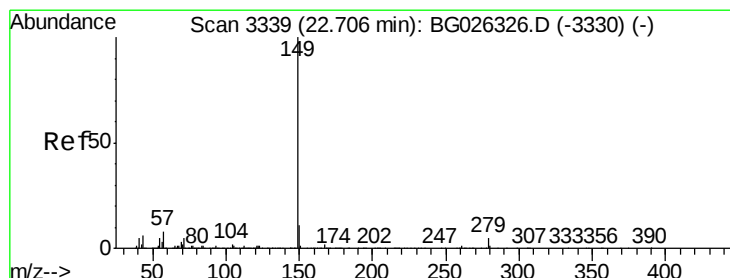
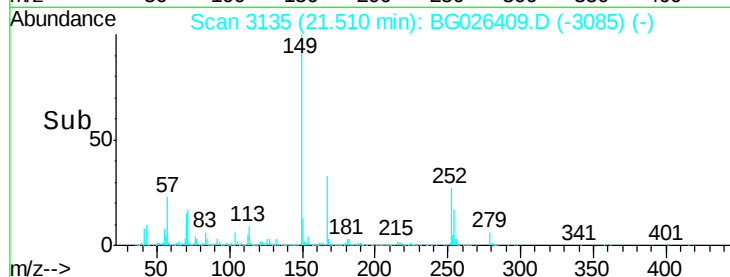
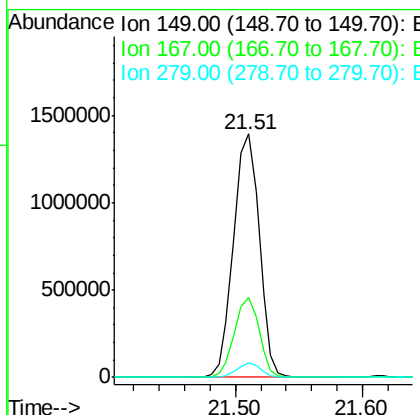
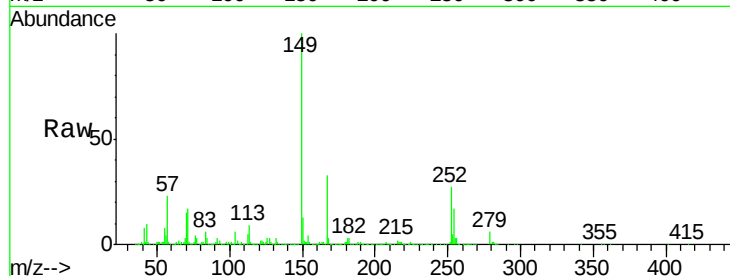
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.87 ng
 RT: 21.51 min Scan# 3135
 Delta R.T. -0.00 min
 Lab File: BG026409.D
 Acq: 23 Mar 2017 19:12

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:149 Resp: 1957128
 Ion Ratio Lower Upper
 149 100
 167 33.0 23.7 35.5
 279 5.9 4.6 6.8

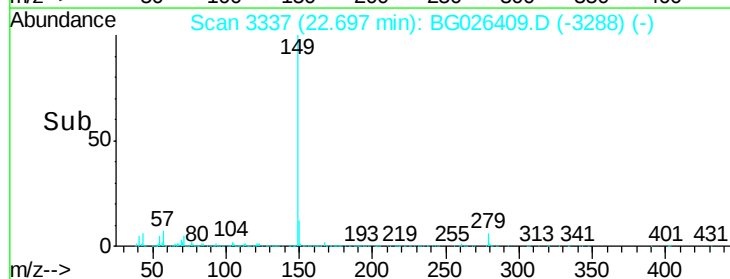
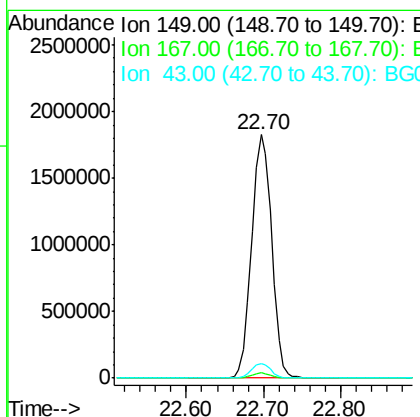
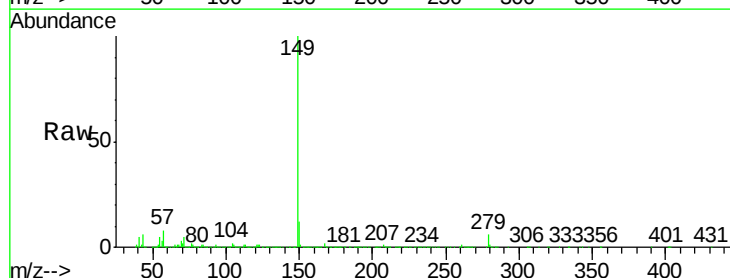
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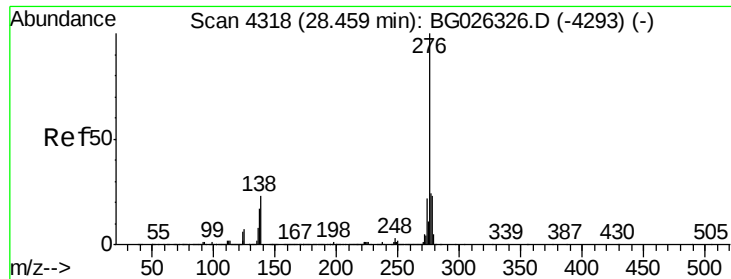
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#84
 Di-n-octyl phthalate
 Concen: 38.86 ng
 RT: 22.70 min Scan# 3337
 Delta R.T. -0.01 min
 Lab File: BG026409.D
 Acq: 23 Mar 2017 19:12

Tgt Ion:149 Resp: 3339920
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.4 2.2
 43 5.9 11.8 17.6#





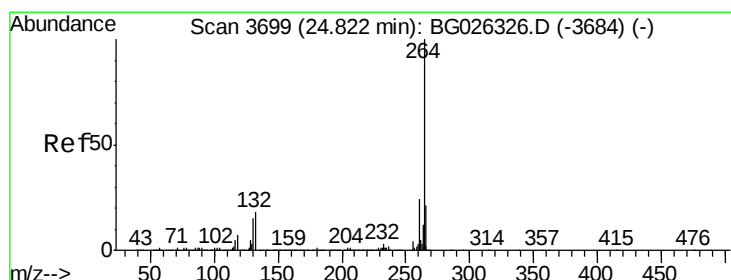
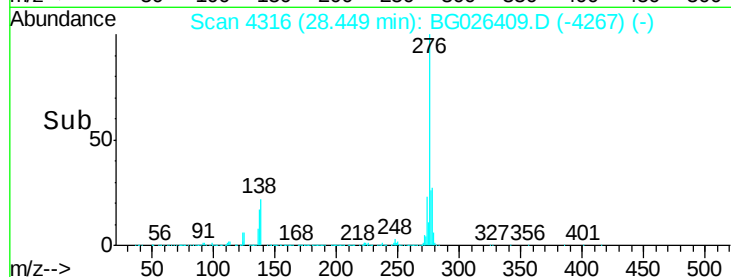
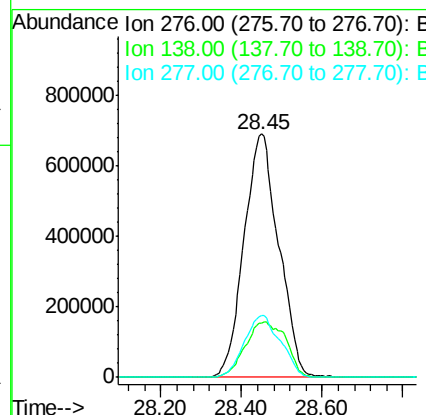
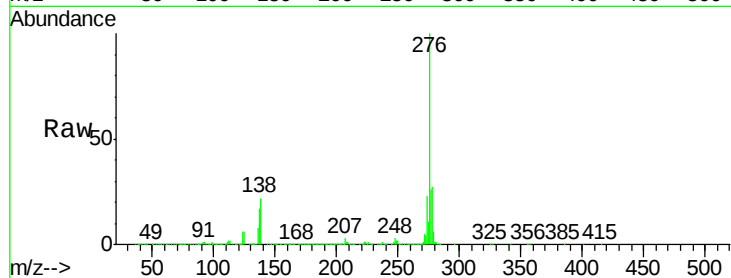
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.35 ng
RT: 28.45 min Scan# 4316
Delta R.T. -0.01 min
Lab File: BG026409.D
Acq: 23 Mar 2017 19:12

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:276 Resp: 4141084
Ion Ratio Lower Upper
276 100
138 26.7 4.7 7.1#
277 26.5 20.6 31.0

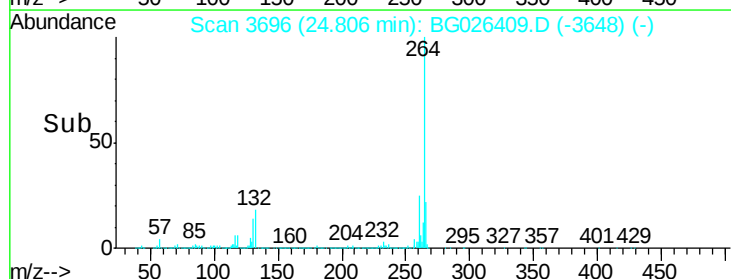
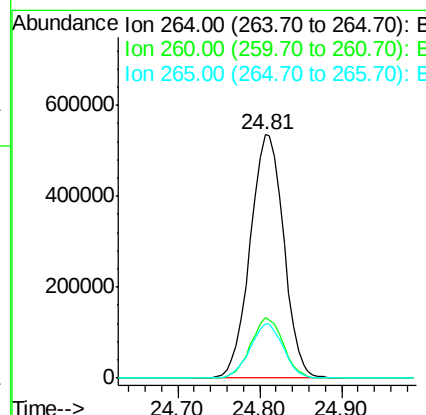
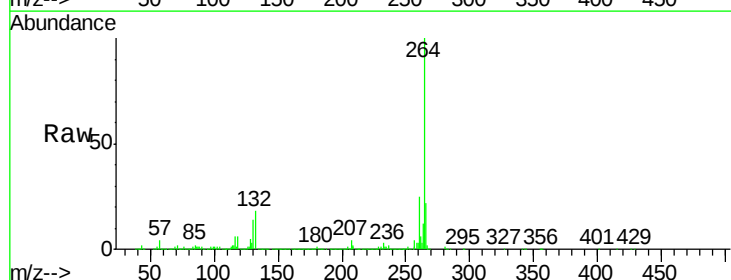
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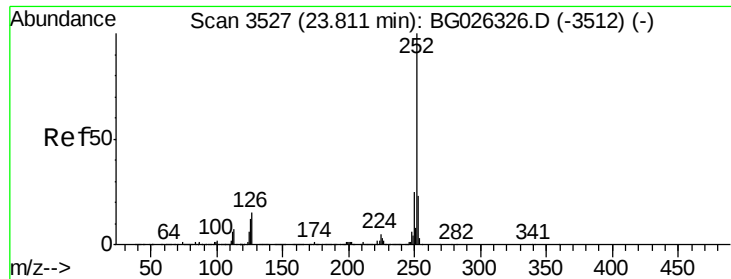
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 24.81 min Scan# 3696
Delta R.T. -0.02 min
Lab File: BG026409.D
Acq: 23 Mar 2017 19:12

Tgt Ion:264 Resp: 1528514
Ion Ratio Lower Upper
264 100
260 24.7 21.8 32.8
265 22.0 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 38.33 ng

RT: 23.81 min Scan# 3526

Delta R.T. -0.00 min

Lab File: BG026409.D

Acq: 23 Mar 2017 19:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:252 Resp: 3453709

Ion Ratio Lower Upper

252 100

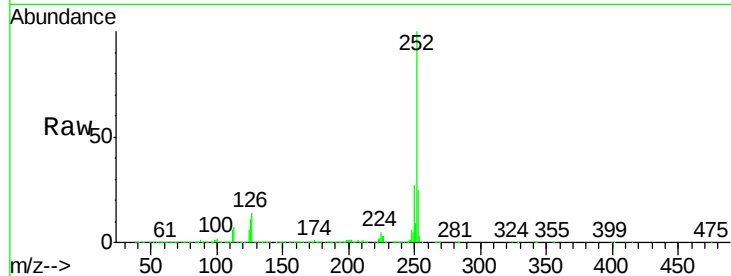
253 24.8 18.7 28.1

125 11.2 5.3 7.9#

Manual Integrations
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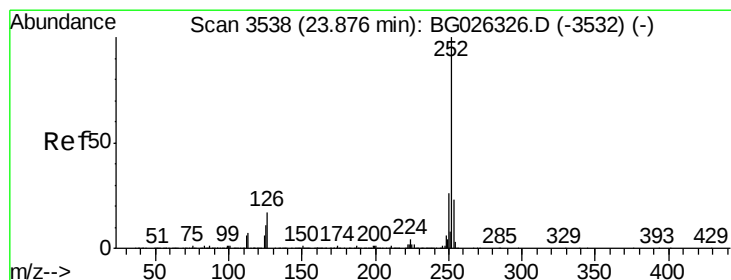
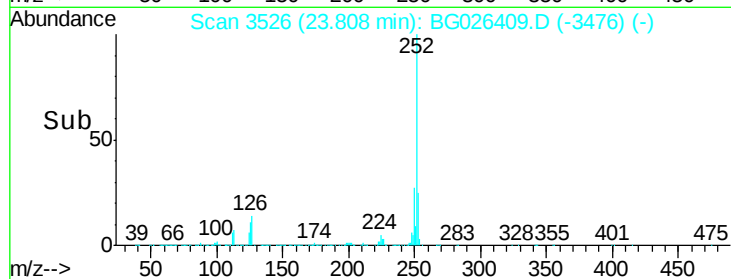
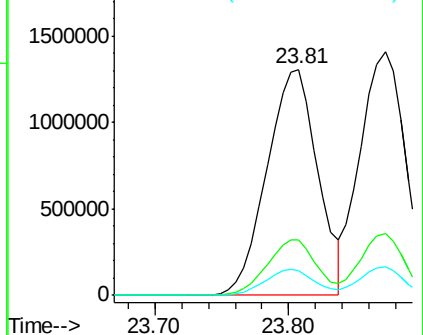
3/24/2017 12:17:48 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 37.81 ng

RT: 23.87 min Scan# 3537

Delta R.T. -0.00 min

Lab File: BG026409.D

Acq: 23 Mar 2017 19:12

Tgt Ion:252 Resp: 3303888

Ion Ratio Lower Upper

252 100

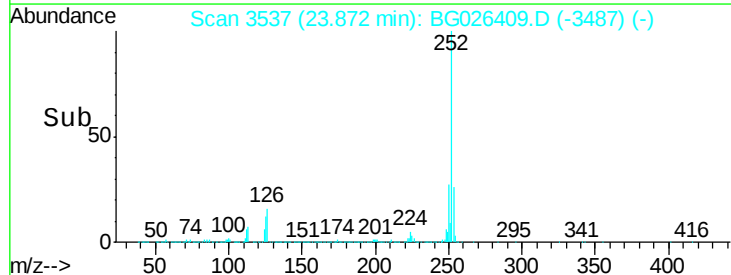
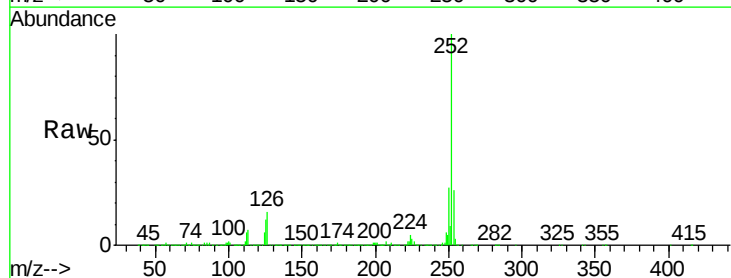
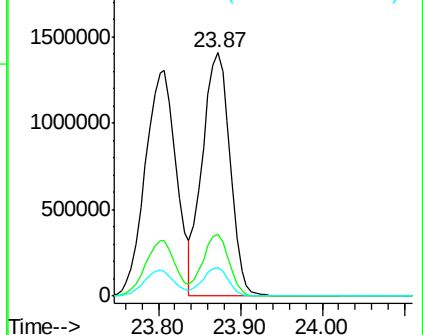
253 25.5 20.2 30.2

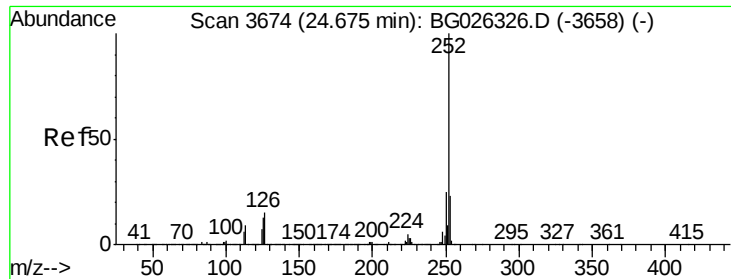
125 11.7 5.1 7.7#

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.34 ng

RT: 24.67 min Scan# 3672

Delta R.T. -0.01 min

Lab File: BG026409.D

Acq: 23 Mar 2017 19:12

Instrument :

BNA_G

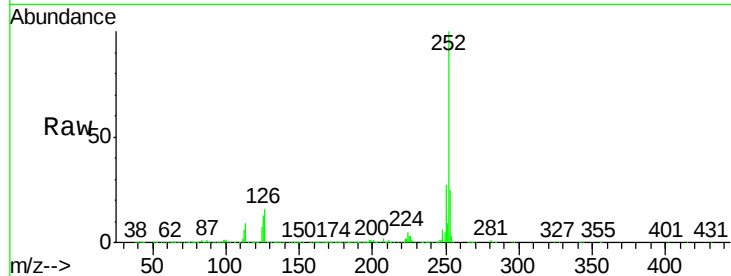
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.2	28.8
125	12.7	5.4	8.0

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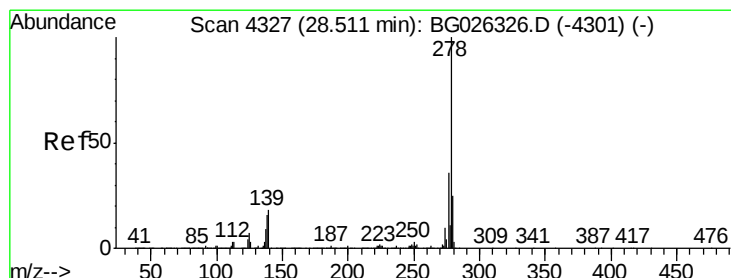
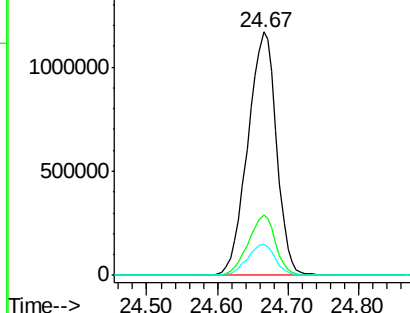
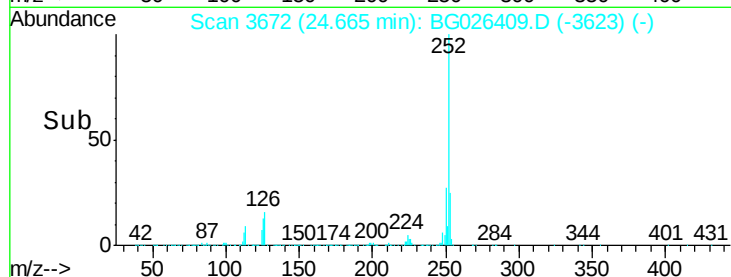


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.94 ng

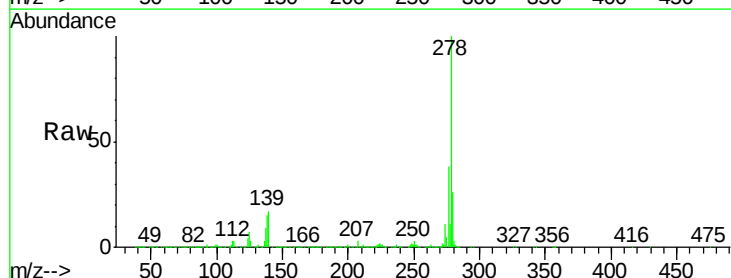
RT: 28.50 min Scan# 4325

Delta R.T. -0.01 min

Lab File: BG026409.D

Acq: 23 Mar 2017 19:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.4	7.7	11.5
279	25.5	19.1	28.7

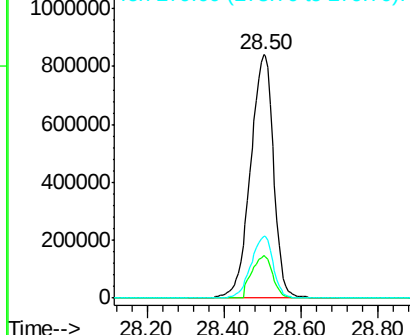
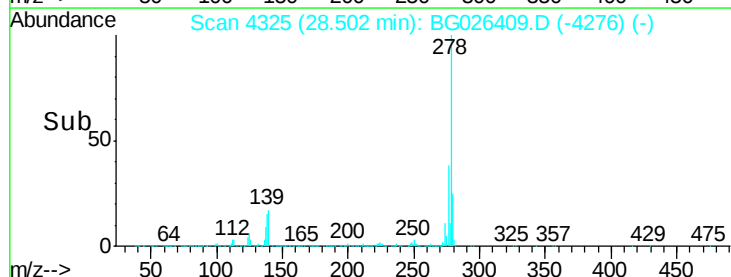


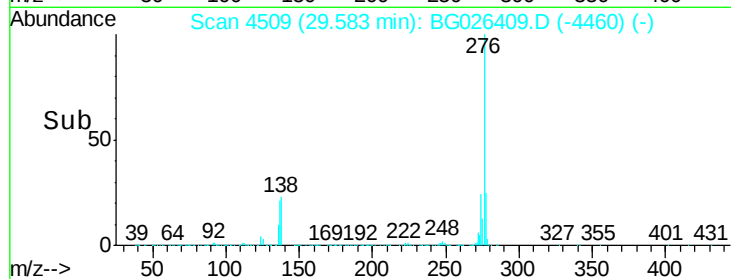
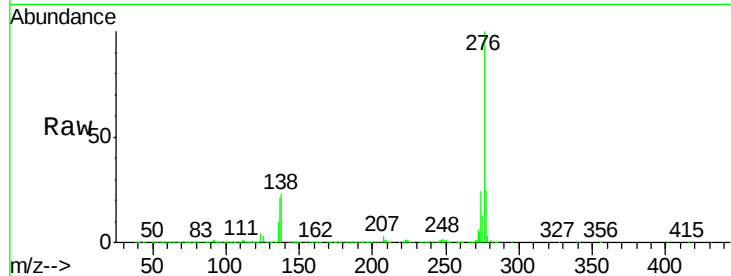
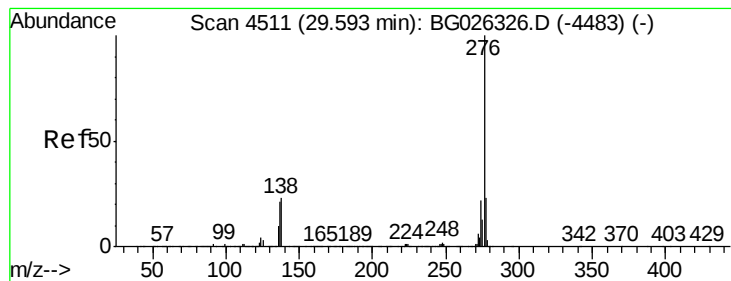
Abundance

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(a,h,i)perylene

Concen: 39.39 ng

RT: 29.58 min Scan# 4509

Delta R.T. -0.01 min

Lab File: BG026409.D

Acq: 23 Mar 2017 19:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion: 276 Resp: 3466470

Ion Ratio Lower Upper

276 100

277 25.2 18.6 27.8

138 23.2 8.1 12.1#

Manual Integrations

APPROVED

mohammad

3/24/2017 12:17:48 PM

