

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120615\
 Data File : BG019964.D
 Acq On : 6 Dec 2015 13:11
 Operator : UM/NP
 Sample : G4650-13MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COFF(0-2)-2MSD

Manual Integrations
 APPROVED

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 12/7/2015 6:32:23 PM

Quant Time: Dec 07 04:17:24 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	32621	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	136503	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	94181	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	235566	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	290139	20.00	ng	-0.04
86) Perylene-d12	25.04	264	276574	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	228254	126.46	ng	-0.01
7) Phenol-d6	7.26	99	337441	123.83	ng	-0.01
23) Nitrobenzene-d5	9.28	82	221968	82.99	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	154540	107.24	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	493170	71.50	ng	-0.02
78) Terphenyl-d14	20.08	244	819701	68.91	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	25633	36.46	ng	# 100
3) Pyridine	3.92	79	49726	23.29	ng	# 92
4) n-Nitrosodimethylamine	3.84	42	41047	36.55	ng	# 89
6) Aniline	7.43	93	81130	22.99	ng	# 83
8) 2-Chlorophenol	7.67	128	94078	42.75	ng	# 94
9) Benzaldehyde	7.24	77	32991	18.15	ng	# 90
10) Phenol	7.29	94	133559	46.57	ng	# 81
11) bis(2-Chloroethyl)ether	7.53	93	87094	41.00	ng	# 91
12) 1,3-Dichlorobenzene	8.00	146	95240	38.18	ng	# 93
13) 1,4-Dichlorobenzene	8.15	146	96970	37.64	ng	# 95
14) 1,2-Dichlorobenzene	8.47	146	94621	38.50	ng	# 95
15) Benzyl Alcohol	8.35	79	99462	41.59	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.65	45	134913	38.94	ng	# 93
17) 2-Methylphenol	8.55	107	88489	43.70	ng	# 93
18) Hexachloroethane	9.21	117	36328	37.66	ng	# 95
19) n-Nitroso-di-n-propylamine	8.92	70	82454	38.37	ng	# 88
20) 3+4-Methylphenols	8.88	107	123553	43.33	ng	# 93
22) Acetophenone	8.94	105	145813	38.97	ng	# 93
24) Nitrobenzene	9.32	77	122732	42.30	ng	# 90
25) Isophorone	9.85	82	221268	38.59	ng	# 96
26) 2-Nitrophenol	10.04	139	54263	48.43	ng	# 71
27) 2,4-Dimethylphenol	10.09	122	99598	42.68	ng	# 91
28) bis(2-Chloroethoxy)methane	10.33	93	124093	44.29	ng	# 98
29) 2,4-Dichlorophenol	10.57	162	107405	45.06	ng	# 97
30) 1,2,4-Trichlorobenzene	10.79	180	106285	39.45	ng	# 96
31) Naphthalene	10.98	128	305649	41.80	ng	# 99
32) Benzoic acid	10.17	122	30518	22.98	ng	# 89
33) 4-Chloroaniline	11.08	127	71091	22.06	ng	# 94
34) Hexachlorobutadiene	11.26	225	72206	36.34	ng	# 99
35) Caprolactam	11.86	113	35582m	40.10	ng	# 99
36) 4-Chloro-3-methylphenol	12.19	107	123306	41.53	ng	# 91
37) 2-Methylnaphthalene	12.58	142	226632	42.29	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	138587	38.78	ng	# 99
40) Hexachlorocyclopentadiene	12.93	237	145586	71.44	ng	# 97

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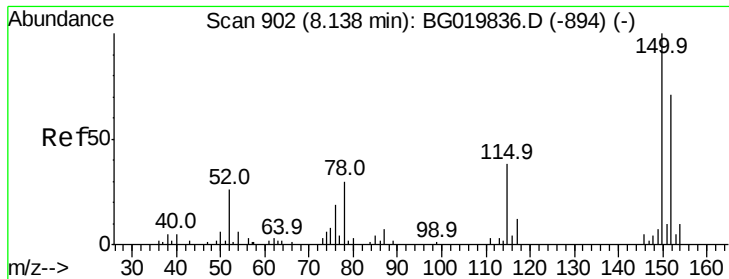
Manual Integrations
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Quant Time: Dec 07 04:17:24 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	97713	41.29	nq	96
43) 2,4,5-Trichlorophenol	13.25	196	107255	42.89	nq	95
45) 1,1'-Biphenyl	13.58	154	295748	38.26	nq	100
46) 2-Chloronaphthalene	13.63	162	240325	40.34	nq	95
47) 2-Nitroaniline	13.82	65	89064	47.33	nq	88
48) Acenaphthylene	14.47	152	400406	39.46	nq	99
49) Dimethylphthalate	14.20	163	453648	53.55	nq	98
50) 2,6-Dinitrotoluene	14.31	165	73550	46.18	nq	# 84
51) Acenaphthene	14.81	154	266377	43.26	nq	98
52) 3-Nitroaniline	14.64	138	55742	33.68	nq	99
53) 2,4-Dinitrophenol	14.84	184	51597	63.09	nq	# 84
54) Dibenzofuran	15.14	168	395523	43.18	nq	95
55) 4-Nitrophenol	14.94	139	124154	86.15	nq	# 67
56) 2,4-Dinitrotoluene	15.09	165	101324	45.59	nq	# 86
57) Fluorene	15.79	166	314411	38.35	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	102534	44.30	nq	97
59) Diethylphthalate	15.55	149	338117	36.88	nq	99
60) 4-Chlorophenyl-phenylether	15.78	204	172612	36.67	nq	97
61) 4-Nitroaniline	15.81	138	76600	41.16	nq	# 78
62) Azobenzene	16.07	77	320430	42.00	nq	95
64) 4,6-Dinitro-2-methylphenol	15.86	198	55736	42.86	nq	93
65) n-Nitrosodiphenylamine	15.99	169	288718	42.35	nq	97
66) 4-Bromophenyl-phenylether	16.67	248	113156	38.66	nq	96
67) Hexachlorobenzene	16.79	284	121631	39.89	nq	99
68) Atrazine	16.93	200	122105	41.23	nq	95
69) Pentachlorophenol	17.13	266	154335	86.72	nq	97
70) Phenanthrene	17.53	178	535376	40.17	nq	97
71) Anthracene	17.62	178	545192	40.16	nq	96
72) Carbazole	17.88	167	496754	41.54	nq	98
73) Di-n-butylphthalate	18.44	149	581595	39.68	nq	98
74) Fluoranthene	19.53	202	670310	39.32	nq	94
76) Benzidine	19.71	184	130934	13.74	nq	96
77) Pyrene	19.89	202	678083	39.73	nq	97
79) Butylbenzylphthalate	20.77	149	269299	40.25	nq	99
80) Benzo(a)anthracene	21.74	228	690419	38.87	nq	99
81) 3,3'-Dichlorobenzidine	21.65	252	164940	24.39	nq	98
82) Chrysene	21.81	228	629373	37.32	nq	98
83) Bis(2-ethylhexyl)phthalate	21.64	149	394237	40.15	nq	97
84) Di-n-octyl phthalate	22.88	149	661774	41.46	nq	# 94
85) Indeno(1,2,3-cd)pyrene	28.79	276	753970	40.59	nq	# 100
87) Benzo(b)fluoranthene	24.00	252	670949	38.28	nq	# 94
88) Benzo(k)fluoranthene	24.07	252	629899	36.28	nq	# 94
89) Benzo(a)pyrene	24.89	252	636981	38.28	nq	# 95
90) Dibenzo(a,h)anthracene	28.85	278	627189	38.15	nq	# 94
91) Benzo(g,h,i)perylene	29.96	276	601554	37.26	nq	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 898

Delta R.T. -0.02 min

Lab File: BG019964.D

Acq: 6 Dec 2015 13:11

Instrument :

BNA_G

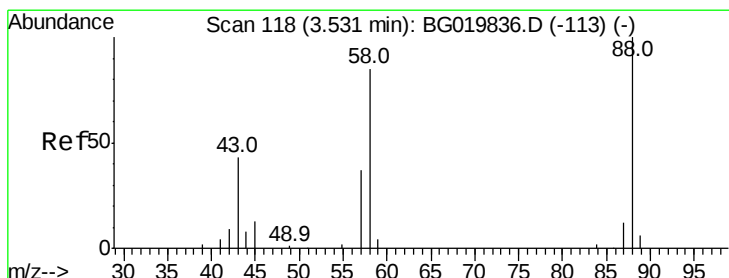
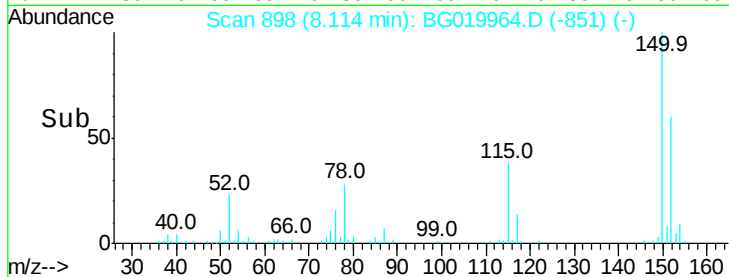
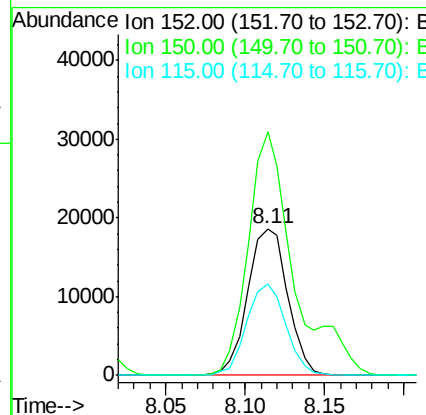
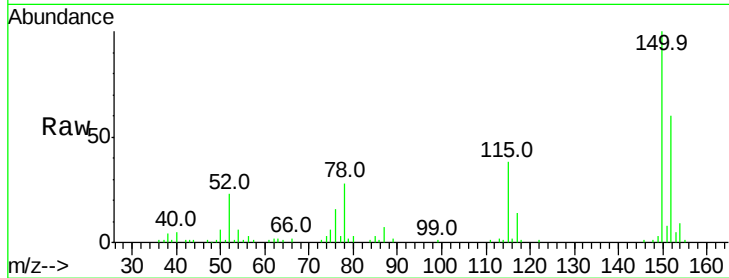
ClientSampleId :

COFF(0-2)-2MSD

Tot Ion:	152	Resp:	32621
Ion Ratio	Lower	Upper	
152	100		
150	165.8	115.0	172.4
115	62.3	43.9	65.9

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#2

1,4-Dioxane

Concen: 36.46 ng

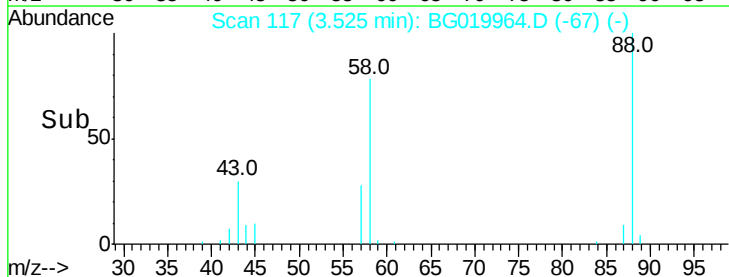
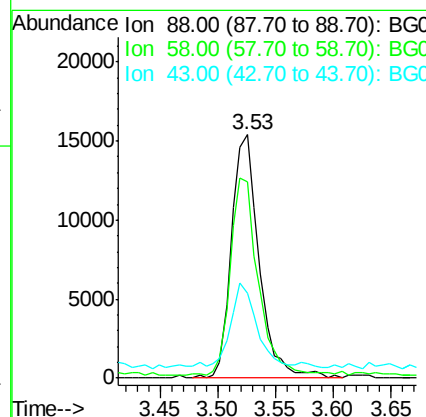
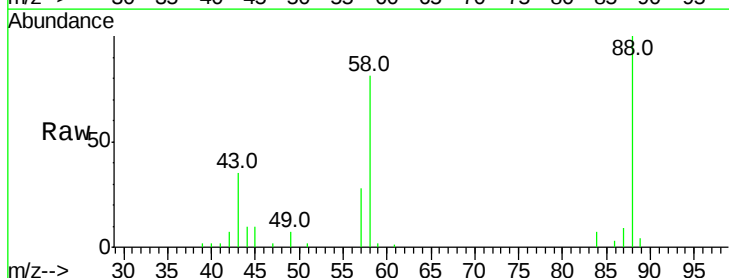
RT: 3.53 min Scan# 117

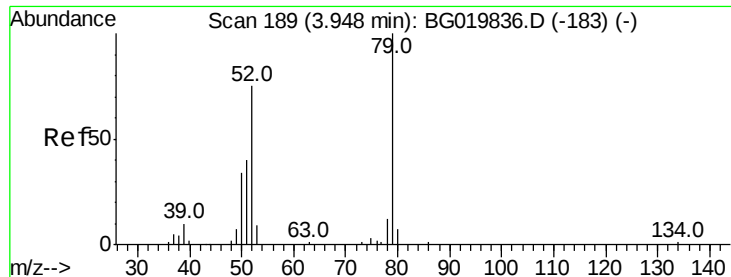
Delta R.T. -0.01 min

Lab File: BG019964.D

Acq: 6 Dec 2015 13:11

Tgt Ion:	88	Resp:	25633
Ion Ratio	Lower	Upper	
88	100		
58	82.0	0.0	0.0#
43	31.5	0.0	0.0#





#3

Pvridine

Concen: 23.29 ng

RT: 3.92 min Scan# 185

Delta R.T. -0.02 min

Lab File: BG019964.D

Acq: 6 Dec 2015 13:11

Instrument :

BNA_G

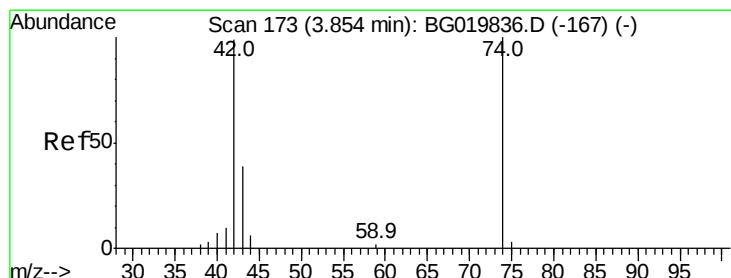
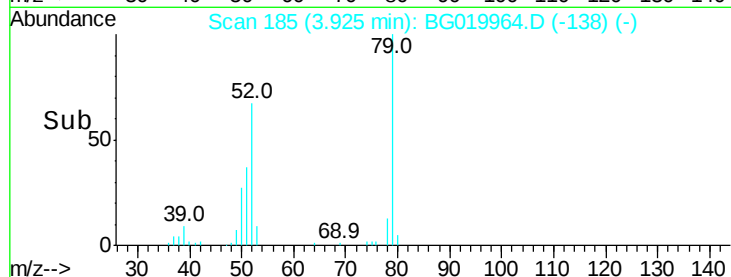
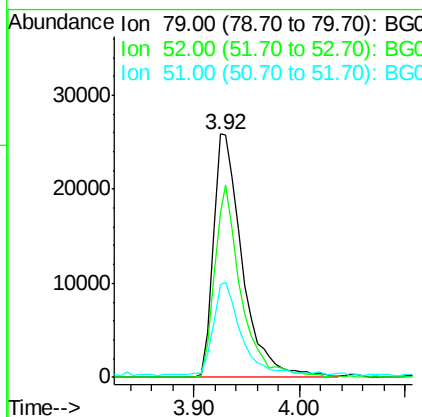
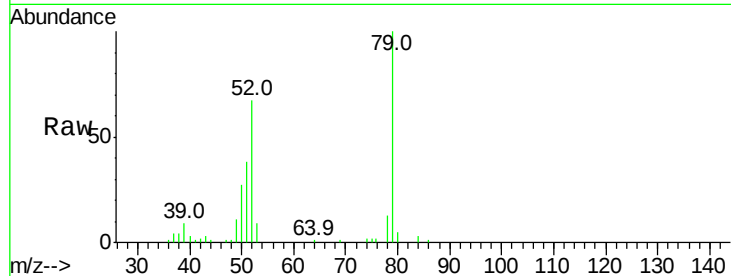
ClientSampleId :

COFF(0-2)-2MSD

Tot Ion:	79	Resp:	49726
Ion Ratio	Lower	Upper	
79	100		
52	67.3	50.3	75.5
51	38.1	24.8	37.2#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 36.55 ng

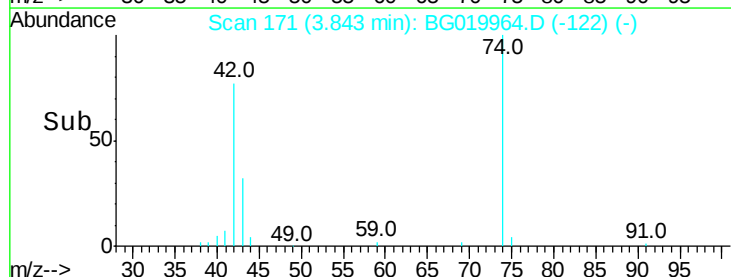
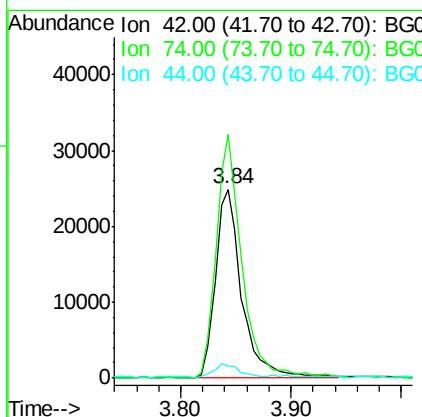
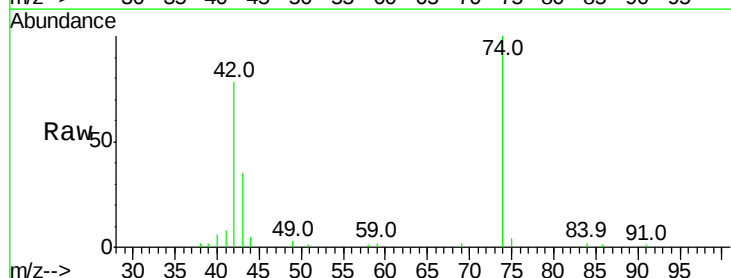
RT: 3.84 min Scan# 171

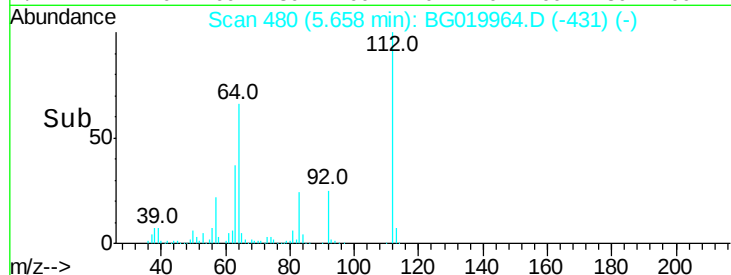
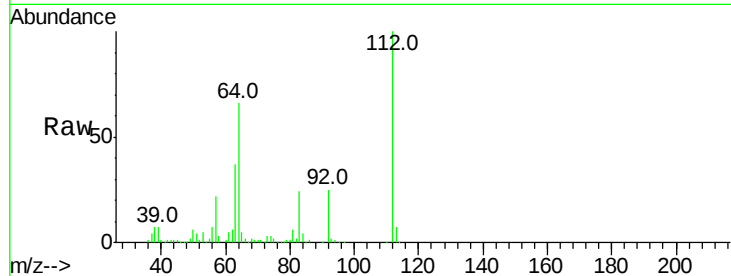
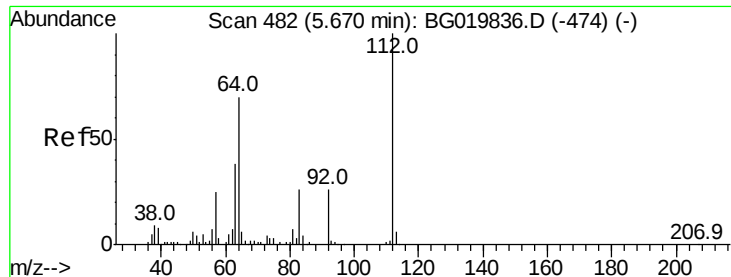
Delta R.T. -0.01 min

Lab File: BG019964.D

Acq: 6 Dec 2015 13:11

Tgt Ion:	42	Resp:	41047
Ion Ratio	Lower	Upper	
42	100		
74	128.9	113.9	170.9
44	6.0	5.7	8.5





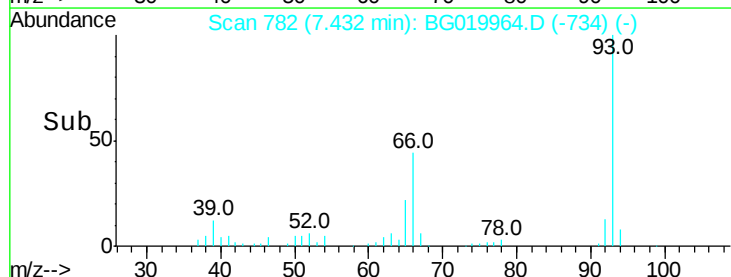
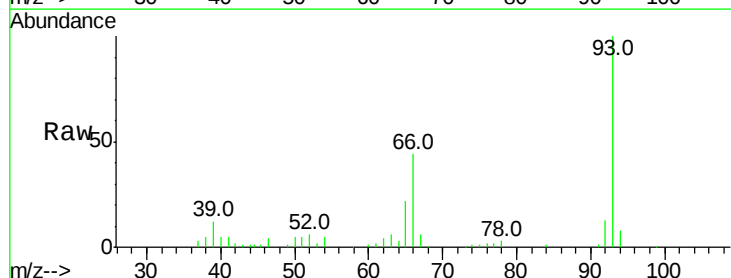
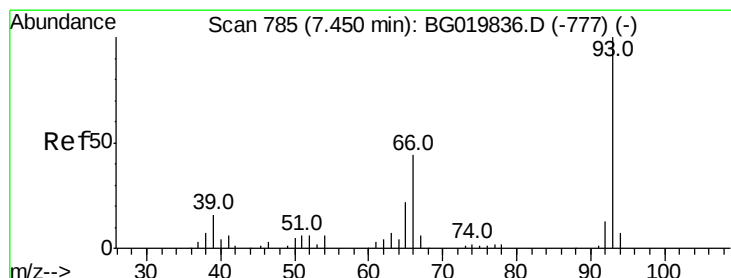
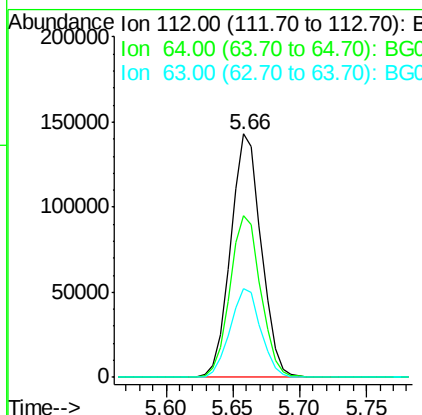
#5
2-Fluorophenol
Concen: 126.46 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG019964.D
Acq: 6 Dec 2015 13:11

Tot Ion	Ratio	Resp	Lower	Upper
112	100			
64	66.5	43.7	65.5#	
63	36.5	24.0	36.0#	

Instrument :
BNA_G
ClientSampleId :
COFF(0-2)-2MSD

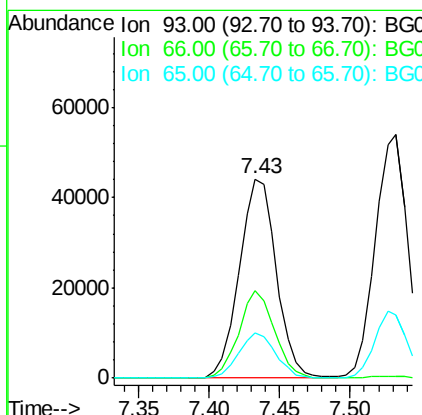
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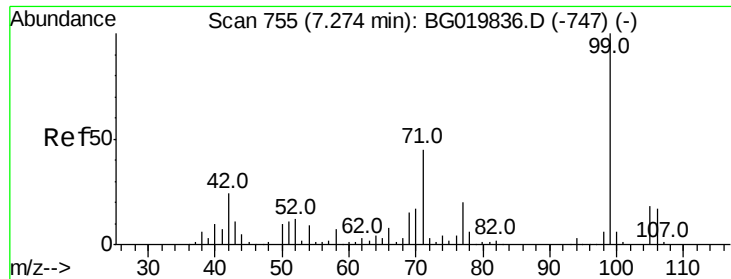
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#6
Aniline
Concen: 22.99 ng
RT: 7.43 min Scan# 782
Delta R.T. -0.02 min
Lab File: BG019964.D
Acq: 6 Dec 2015 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
66	44.0	26.2	39.2#	
65	22.4	14.0	21.0#	





#7

Phenol-d6

Concen: 123.83 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019964.D

Acq: 6 Dec 2015 13:11

Instrument :

BNA_G

ClientSampleId :

COFF(0-2)-2MSD

Tot Ion: 99 Resp: 337441

Ion Ratio Lower Upper

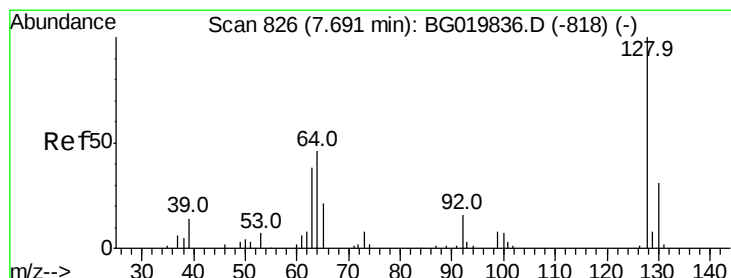
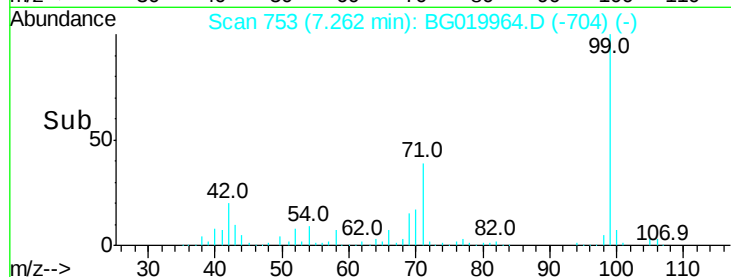
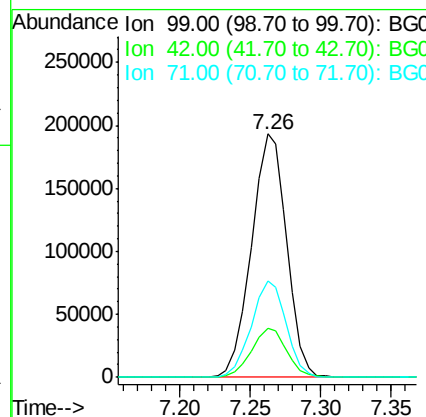
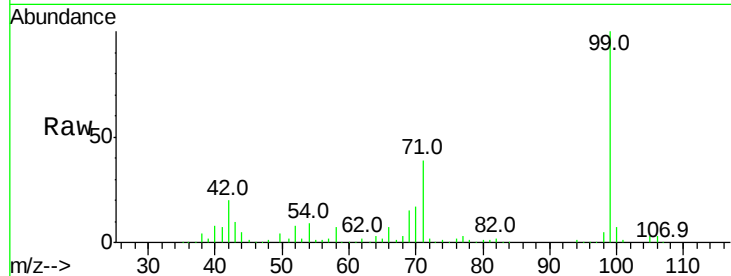
99 100

42 19.9 11.5 17.3#

71 39.4 22.6 34.0#

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#8

2-Chlorophenol

Concen: 42.75 ng

RT: 7.67 min Scan# 823

Delta R.T. -0.02 min

Lab File: BG019964.D

Acq: 6 Dec 2015 13:11

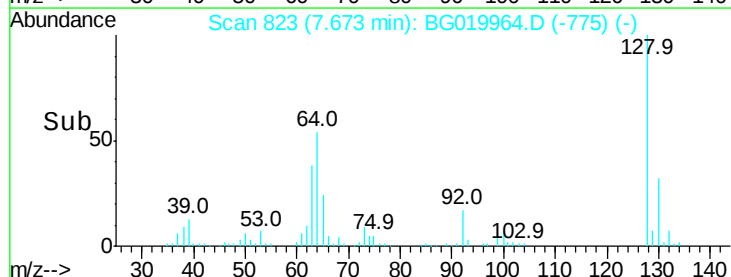
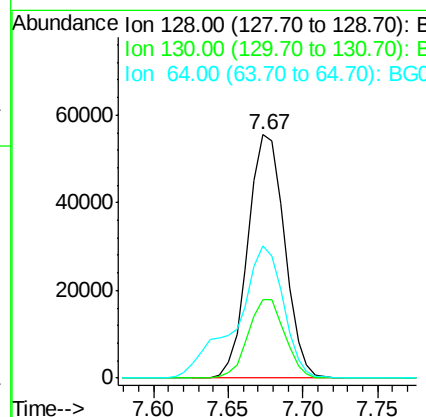
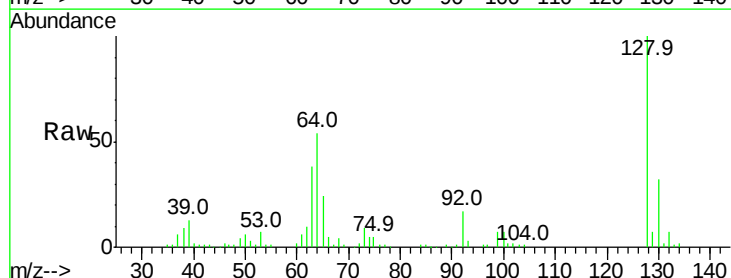
Tgt Ion: 128 Resp: 94078

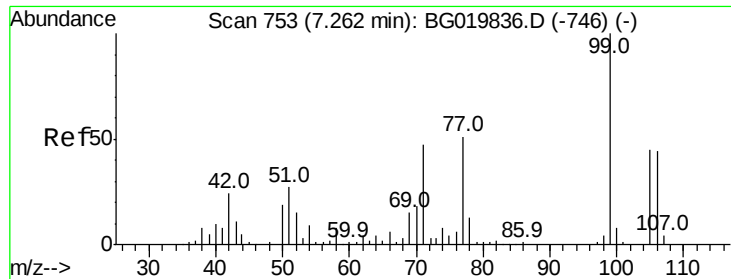
Ion Ratio Lower Upper

128 100

130 32.3 13.0 53.0

64 54.3 28.2 68.2





#9

Benzaldehyde

Concen: 18.15 ng

RT: 7.24 min Scan# 750

Delta R.T. -0.02 min

Lab File: BG019964.D

Acq: 6 Dec 2015 13:11

Instrument :

BNA_G

ClientSampleId :

COFF(0-2)-2MSD

Tot Ion: 77 Resp: 32991

Ion Ratio Lower Upper

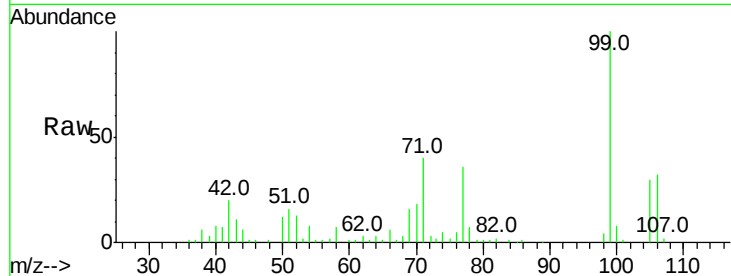
77 100

105 84.4 77.7 117.7

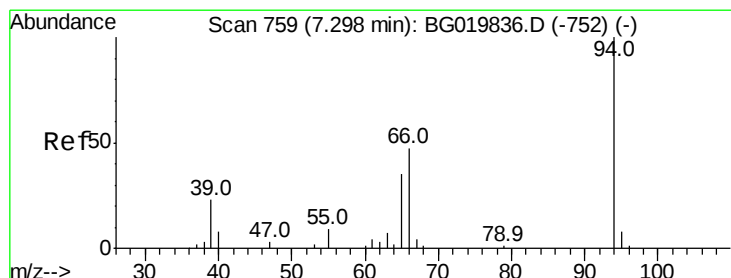
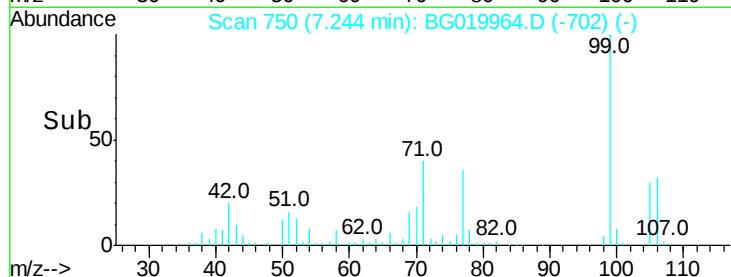
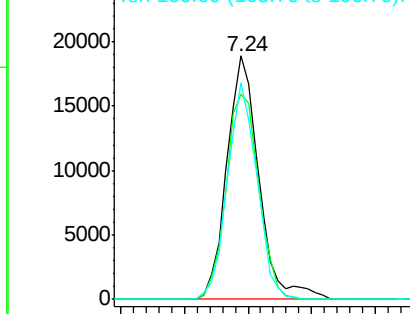
106 89.0 75.8 115.8

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



#10

Phenol

Concen: 46.57 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG019964.D

Acq: 6 Dec 2015 13:11

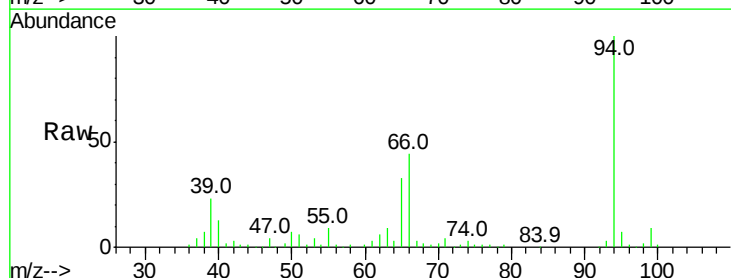
Tgt Ion: 94 Resp: 133559

Ion Ratio Lower Upper

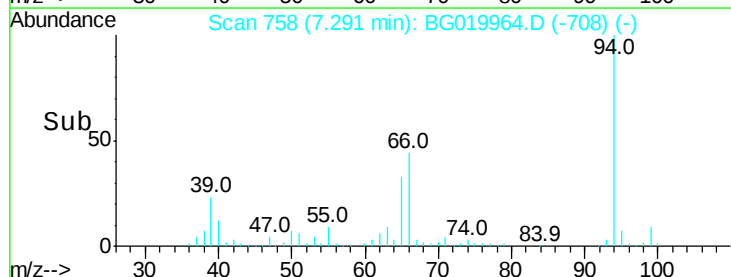
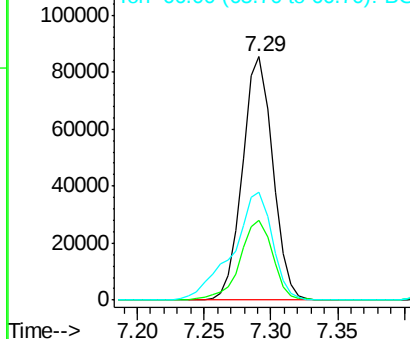
94 100

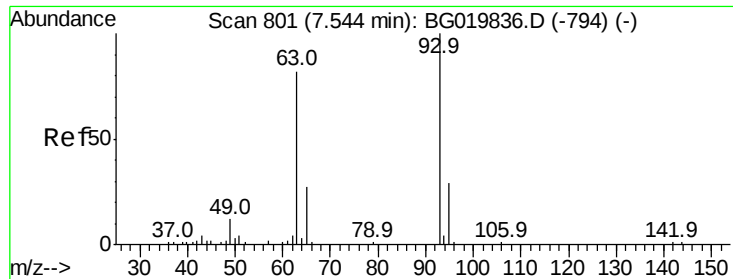
65 32.5 5.4 45.4

66 44.4 11.8 51.8



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





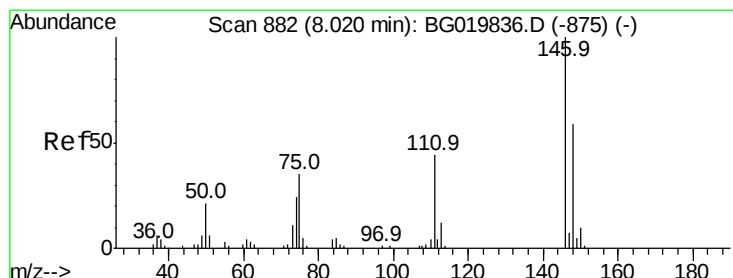
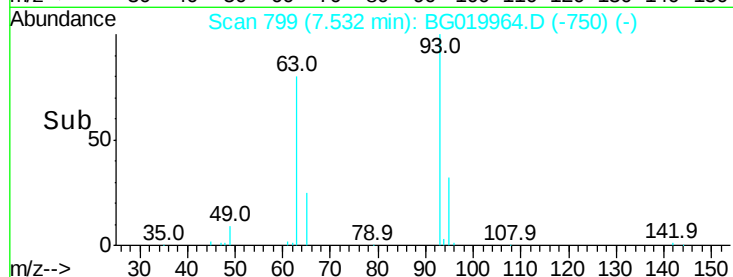
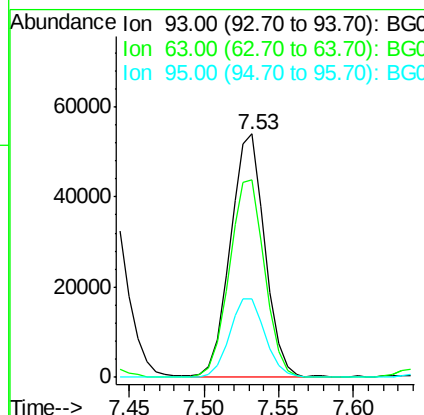
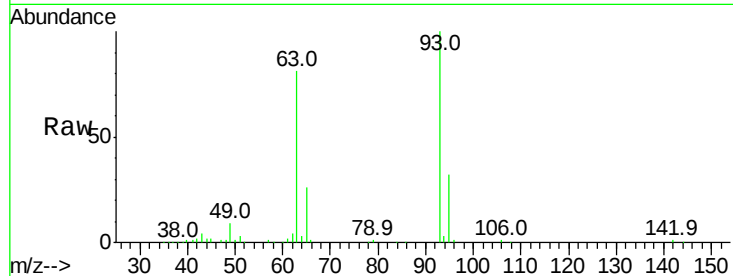
#11
bis(2-Chloroethyl)ether
Concen: 41.00 ng
RT: 7.53 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG019964.D
Acq: 6 Dec 2015 13:11

Instrument :
BNA_G
ClientSampleId :
COFF(0-2)-2MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.0	50.5	90.5
95	32.2	12.2	52.2

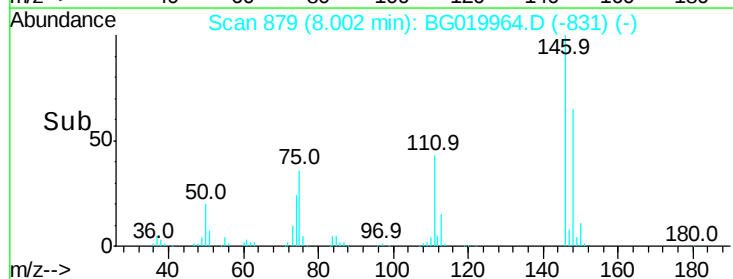
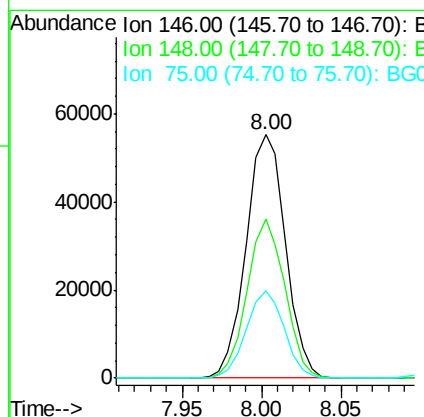
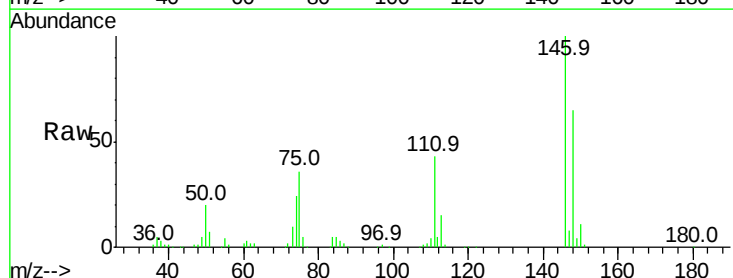
Manual Integrations
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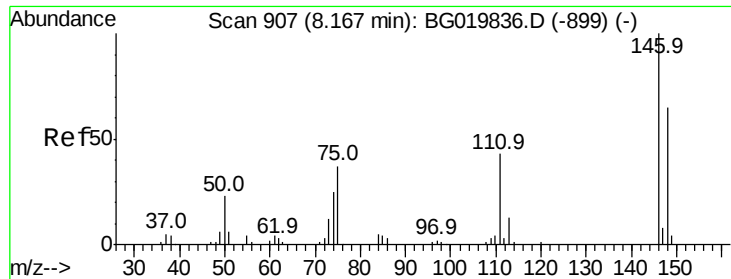
Mmdadoda
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#12
1,3-Dichlorobenzene
Concen: 38.18 ng
RT: 8.00 min Scan# 879
Delta R.T. -0.02 min
Lab File: BG019964.D
Acq: 6 Dec 2015 13:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	53.4	80.0
75	36.1	21.1	31.7





#13

1,4-Dichlorobenzene

Concen: 37.64 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.02 min

Lab File: BG019964.D

Acq: 6 Dec 2015 13:11

Instrument :

BNA_G

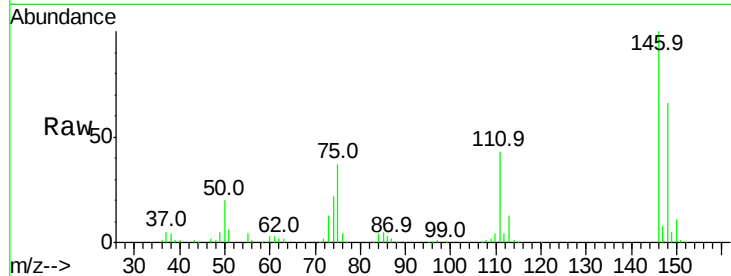
ClientSampleId :

COFF(0-2)-2MSD

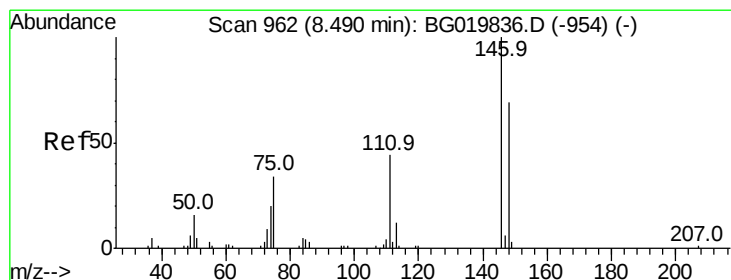
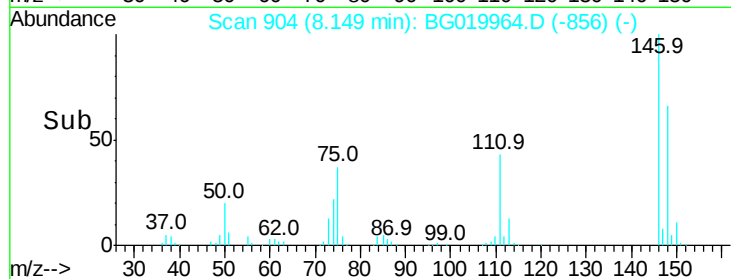
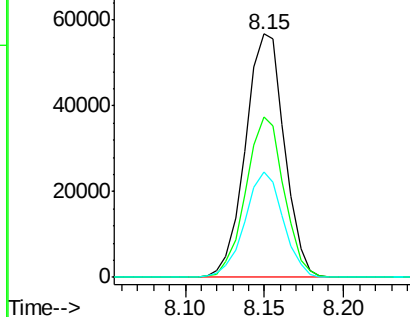
Tot Ion:	146	Resp:	96970
Ion Ratio	Lower	Upper	
146	100		
148	65.7	52.5	78.7
111	43.2	28.3	42.5#

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



#14

1,2-Dichlorobenzene

Concen: 38.50 ng

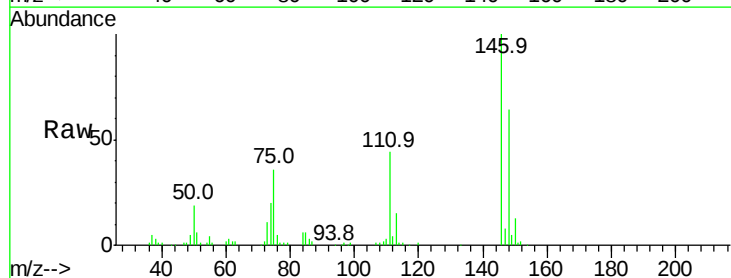
RT: 8.47 min Scan# 959

Delta R.T. -0.02 min

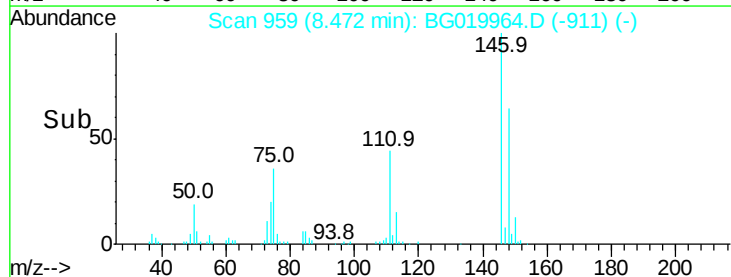
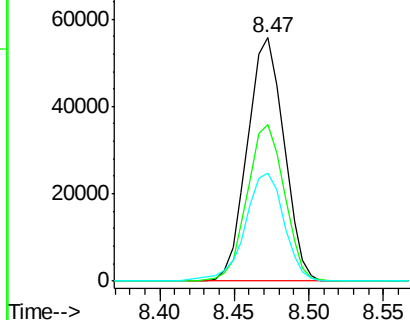
Lab File: BG019964.D

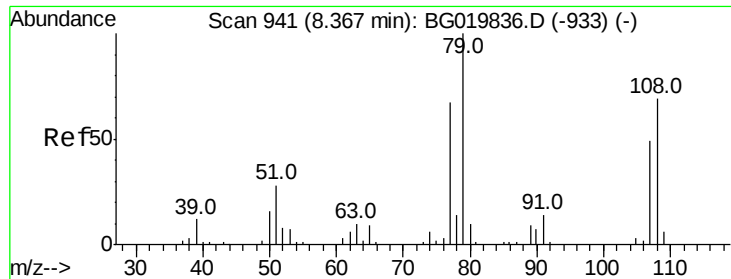
Acq: 6 Dec 2015 13:11

Tgt Ion:	146	Resp:	94621
Ion Ratio	Lower	Upper	
146	100		
148	64.2	52.5	78.7
111	44.2	29.9	44.9



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





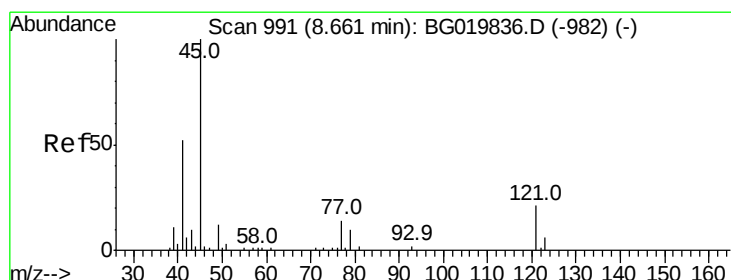
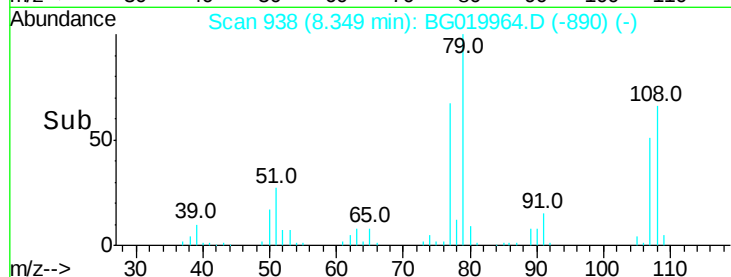
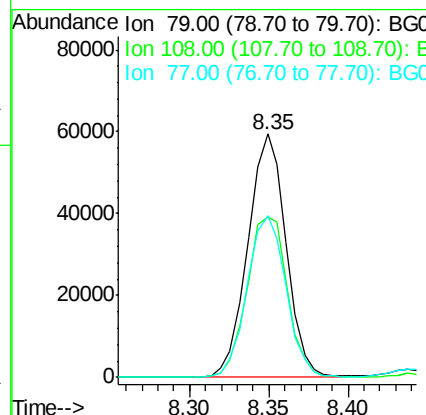
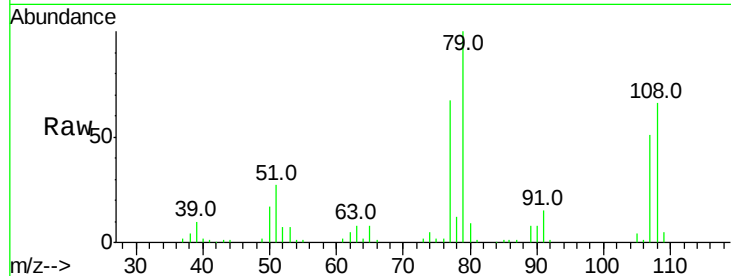
#15
Benzyl Alcohol
Concen: 41.59 ng
RT: 8.35 min Scan# 938
Delta R.T. -0.02 min
Lab File: BG019964.D
Acq: 6 Dec 2015 13:11

Instrument :
BNA_G
ClientSampleId :
COFF(0-2)-2MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	65.7	65.5	98.3
77	66.7	51.3	76.9

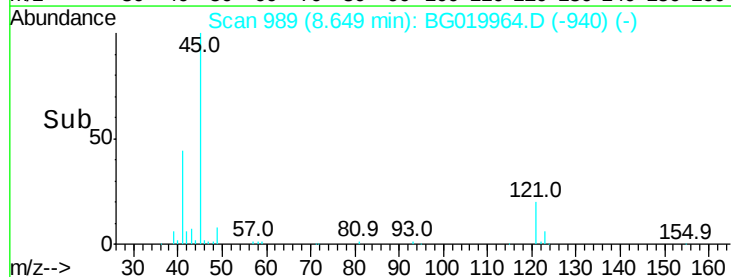
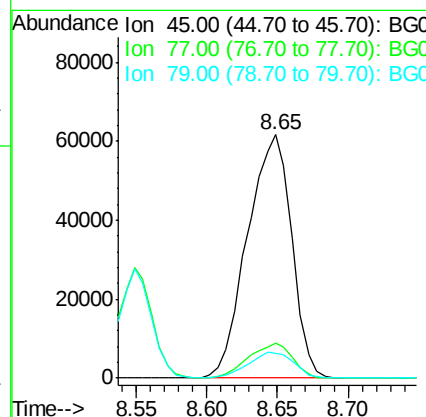
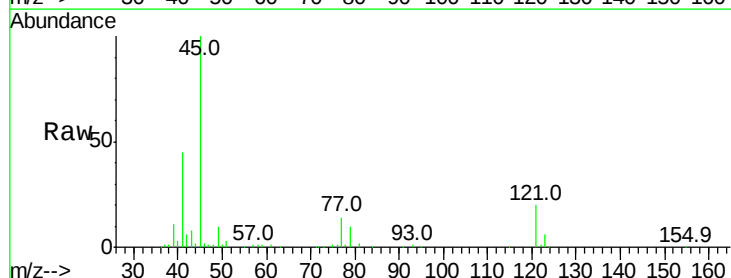
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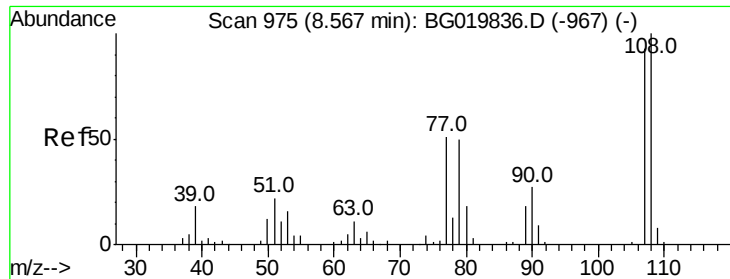
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12/7/2015 6:32:23 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.94 ng
RT: 8.65 min Scan# 989
Delta R.T. -0.01 min
Lab File: BG019964.D
Acq: 6 Dec 2015 13:11

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.4	0.0	37.0
79	10.3	0.0	33.8





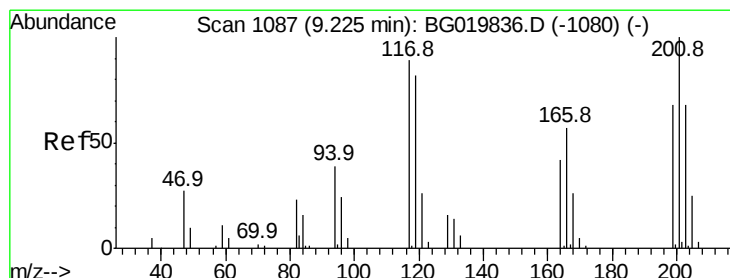
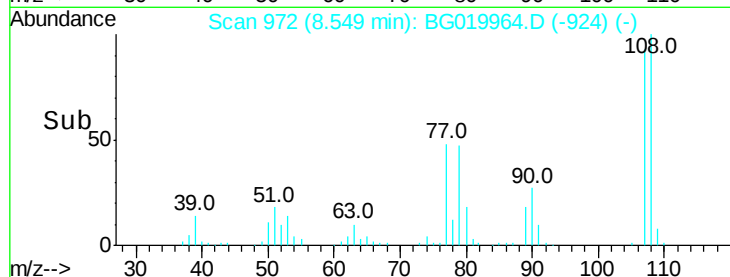
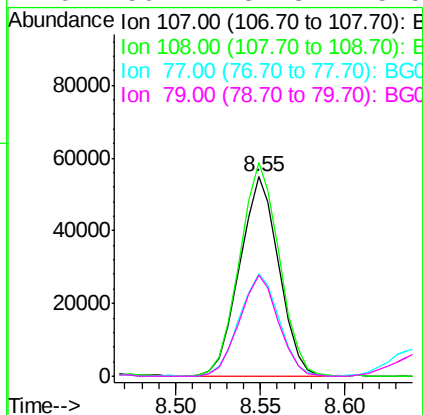
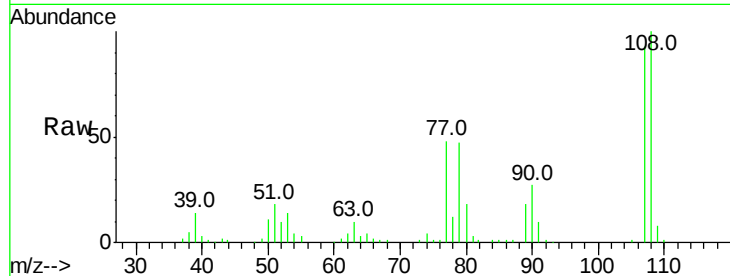
#17
2-Methylphenol
Concen: 43.70 ng
RT: 8.55 min Scan# 972
Delta R.T. -0.02 min
Lab File: BG019964.D
Acq: 6 Dec 2015 13:11

Instrument :
BNA_G
ClientSampleId :
COFF(0-2)-2MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	107.0	86.5	129.7
77	51.2	34.6	51.8
79	50.7	32.3	48.5

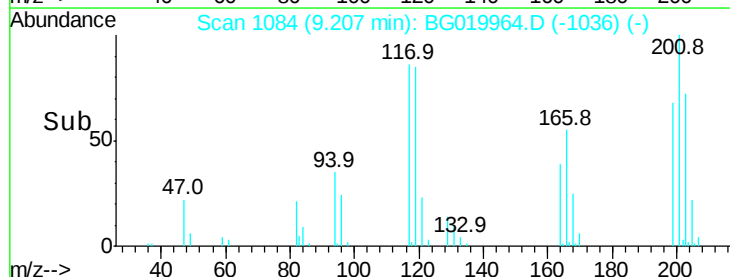
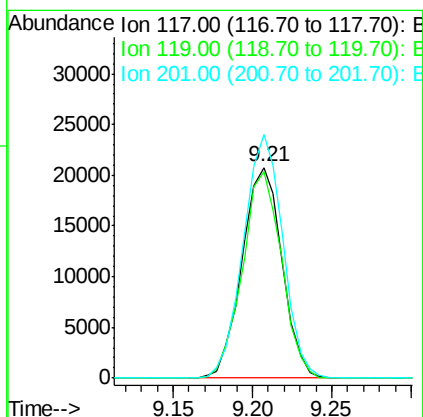
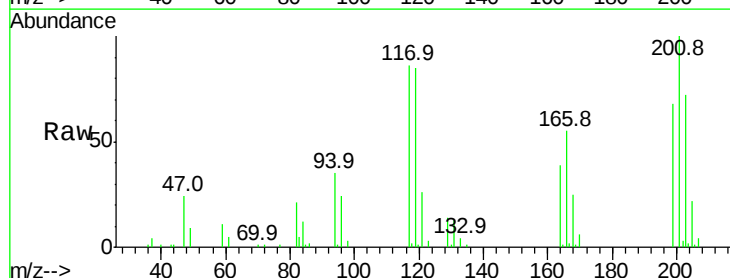
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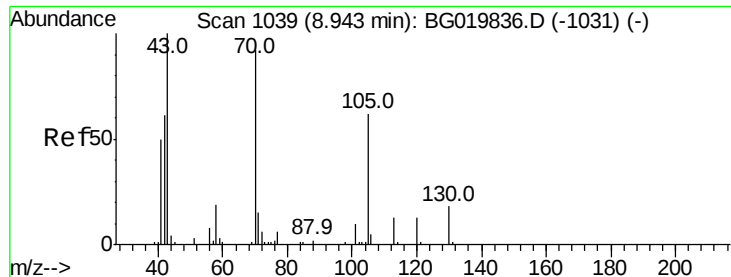
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#18
Hexachloroethane
Concen: 37.66 ng
RT: 9.21 min Scan# 1084
Delta R.T. -0.02 min
Lab File: BG019964.D
Acq: 6 Dec 2015 13:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.3	71.7	107.5
201	115.7	90.9	136.3





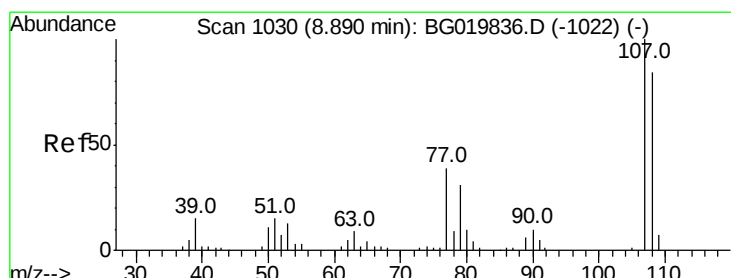
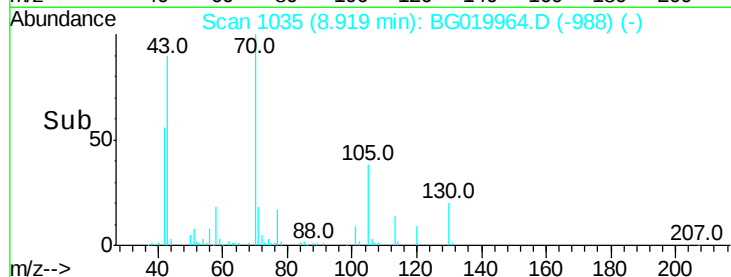
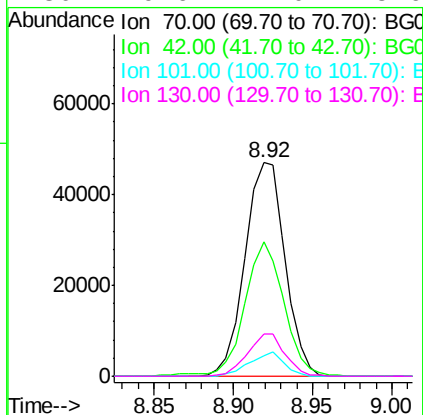
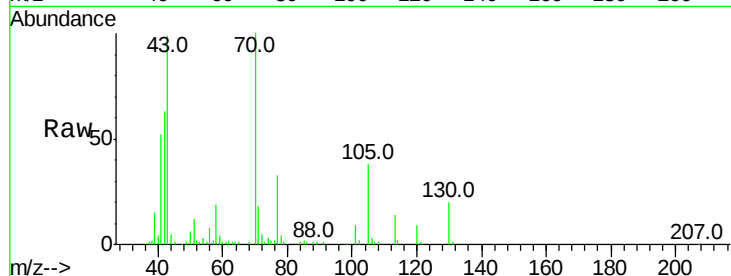
#19
n-Nitroso-di-n-propylamine
Concen: 38.37 ng
RT: 8.92 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BG019964.D
Acq: 6 Dec 2015 13:11

Instrument :
BNA_G
ClientSampleId :
COFF(0-2)-2MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.0	40.6	60.8#	
101	9.5	8.6	13.0	
130	19.6	17.0	25.6	

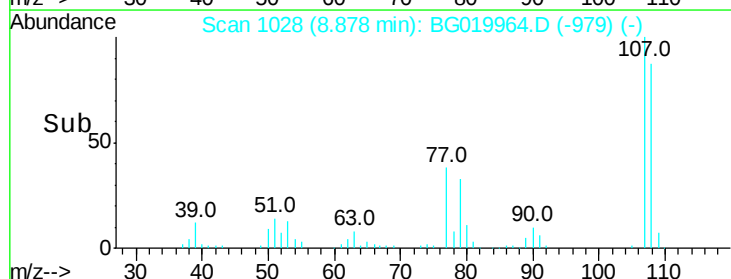
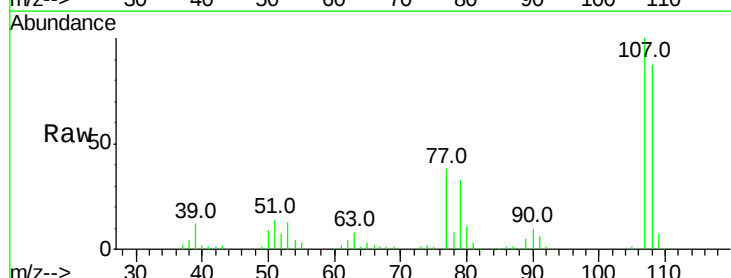
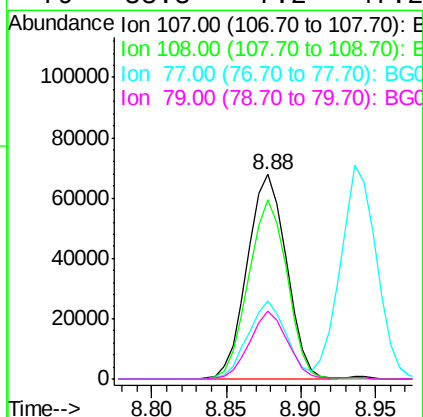
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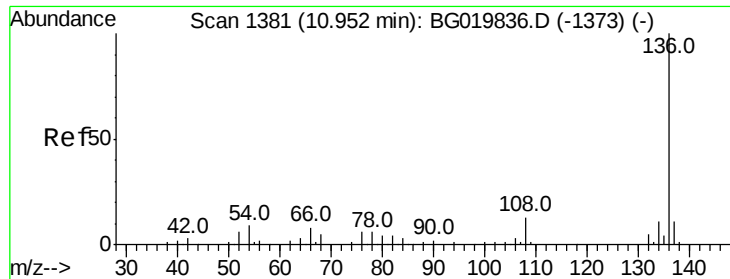
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#20
3+4-Methylphenols
Concen: 43.33 ng
RT: 8.88 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG019964.D
Acq: 6 Dec 2015 13:11

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.4	72.2	112.2	
77	38.4	13.4	53.4	
79	33.3	7.2	47.2	





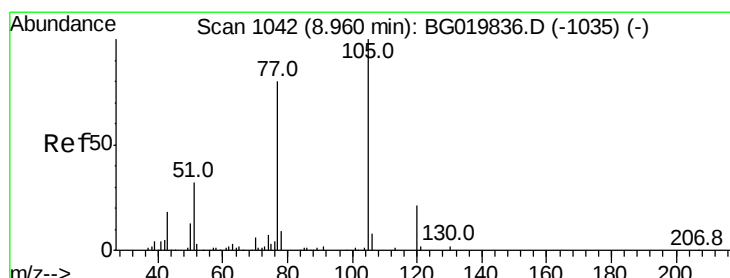
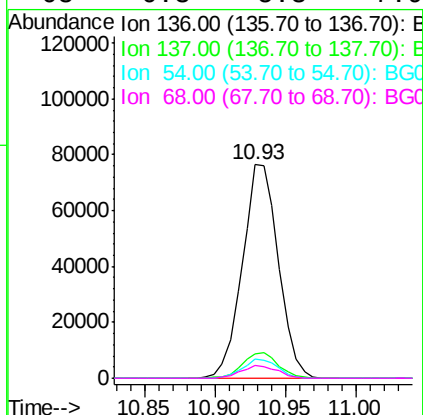
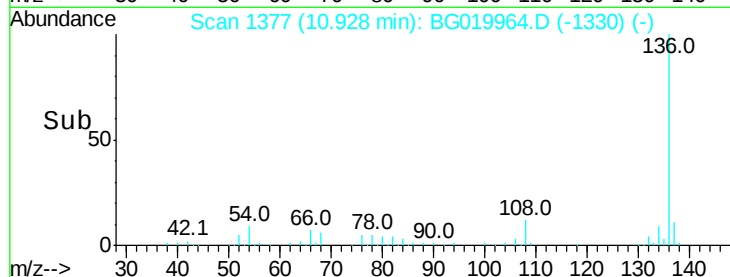
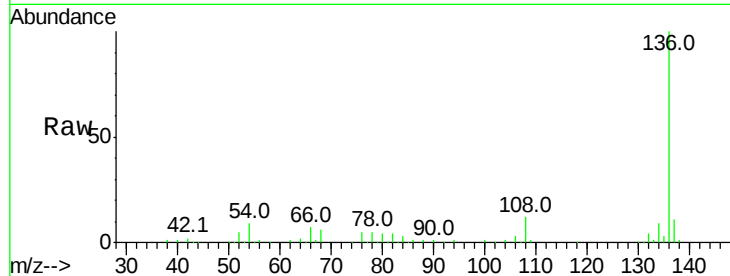
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG019964.D
Acq: 6 Dec 2015 13:11

Instrument :
BNA_G
ClientSampleId :
COFF(0-2)-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	8.6	12.8	
54	9.3	5.4	8.2	
68	6.3	5.3	7.9	

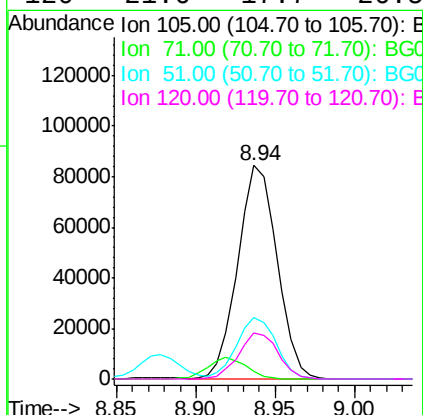
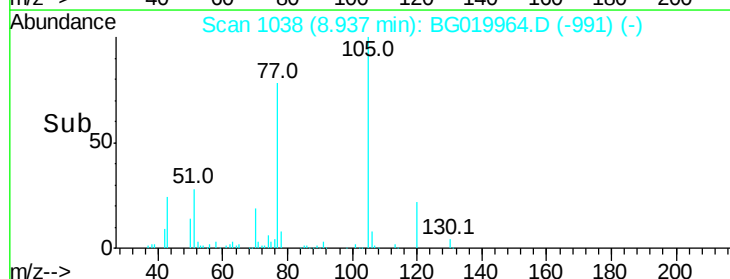
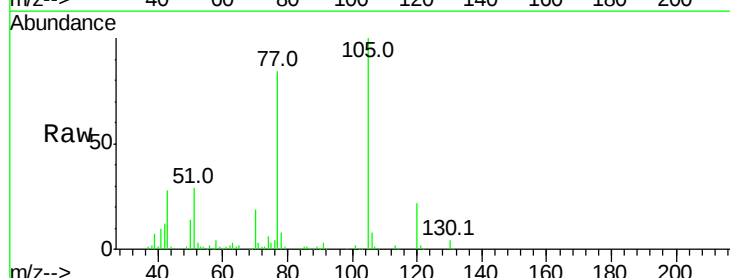
Manual Integrations
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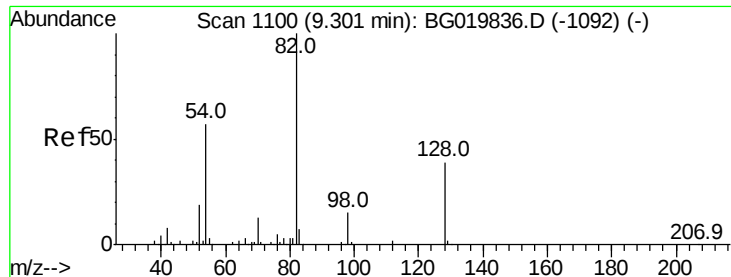
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12/7/2015 6:32:23 PM



#22
Acetophenone
Concen: 38.97 ng
RT: 8.94 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BG019964.D
Acq: 6 Dec 2015 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.4	2.1	3.1	
51	29.1	17.8	26.8	
120	21.6	17.7	26.5	





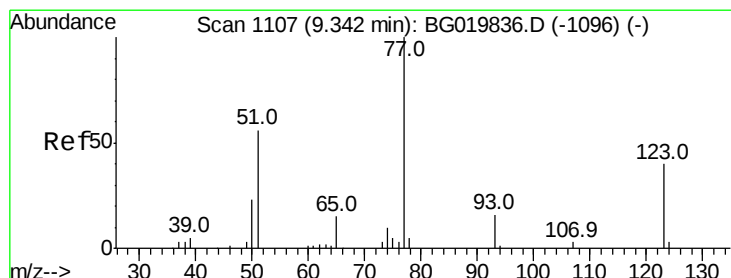
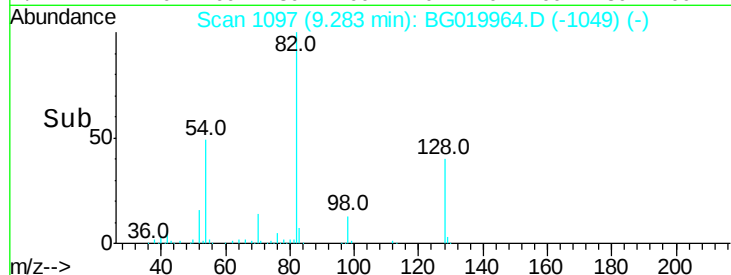
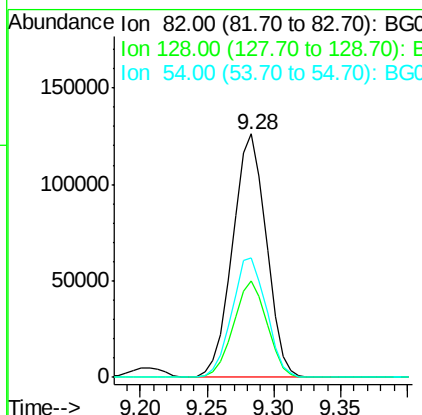
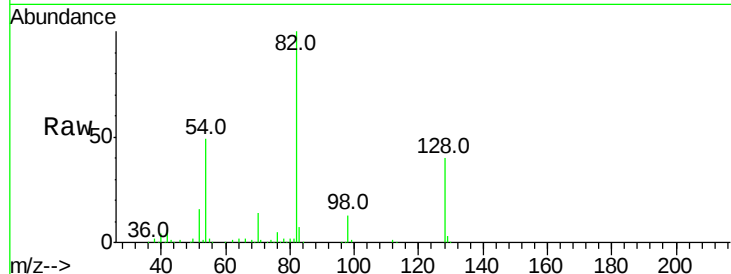
#23
Nitrobenzene-d5
Concen: 82.99 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BG019964.D
Acq: 6 Dec 2015 13:11

Instrument :
BNA_G
ClientSampleId :
COFF(0-2)-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	221968		
128	39.7		36.7	55.1
54	49.2		33.8	50.8

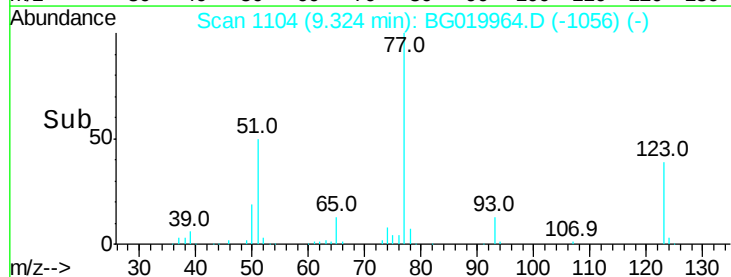
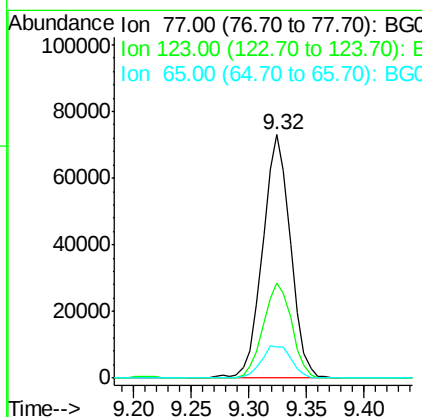
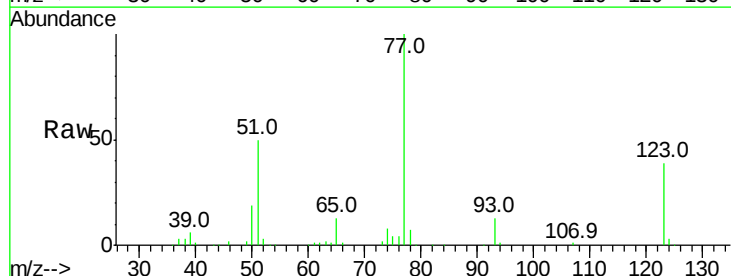
Manual Integrations
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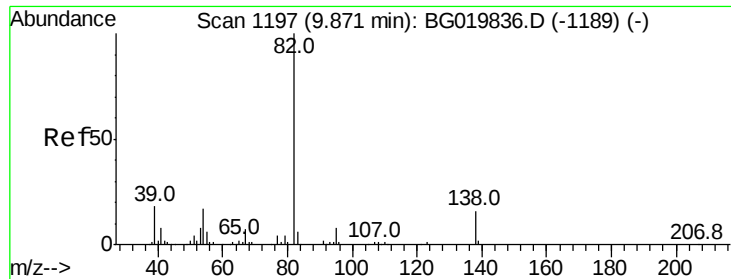
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12/7/2015 6:32:23 PM



#24
Nitrobenzene
Concen: 42.30 ng
RT: 9.32 min Scan# 1104
Delta R.T. -0.02 min
Lab File: BG019964.D
Acq: 6 Dec 2015 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	122732		
123	39.0		38.2	57.2
65	12.6		10.6	16.0





#25

Isophorone

Concen: 38.59 ng

RT: 9.85 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BG019964.D

Acq: 6 Dec 2015 13:11

Instrument :

BNA_G

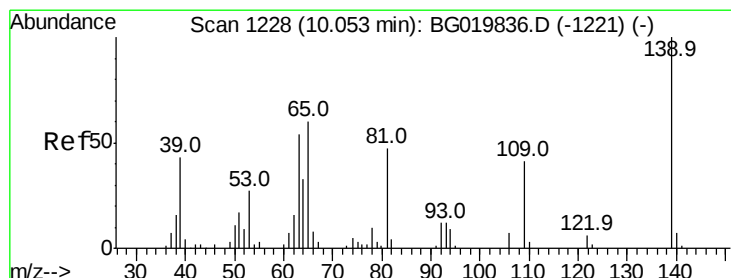
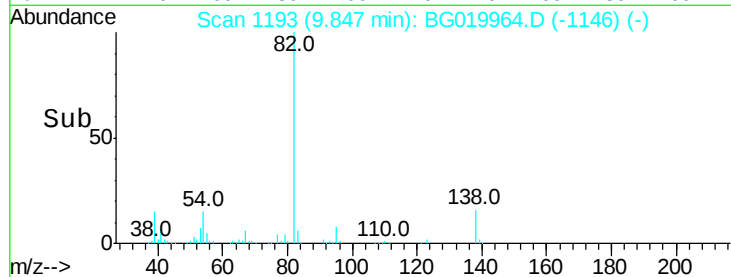
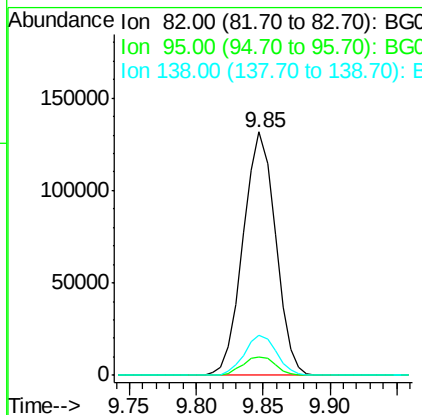
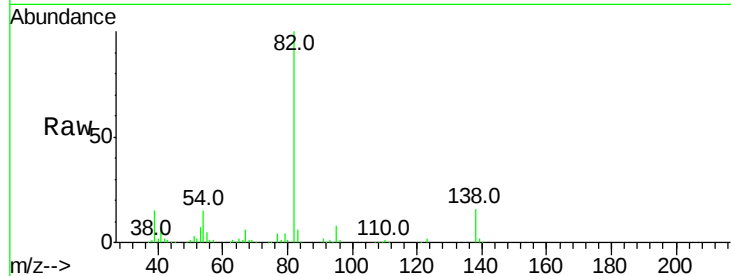
ClientSampleId :

COFF(0-2)-2MSD

Tot Ion:	82	Resp:	221268
Ion Ratio	Lower	Upper	
82	100		
95	7.6	5.2	7.8
138	16.4	14.4	21.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.43 ng

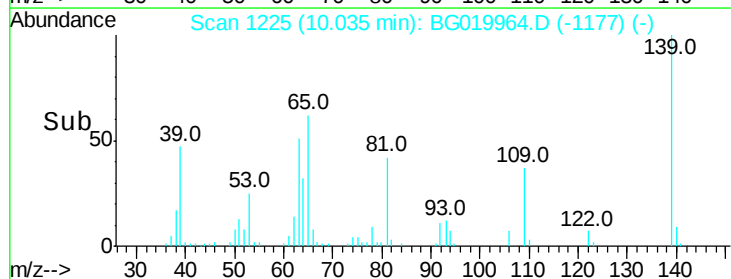
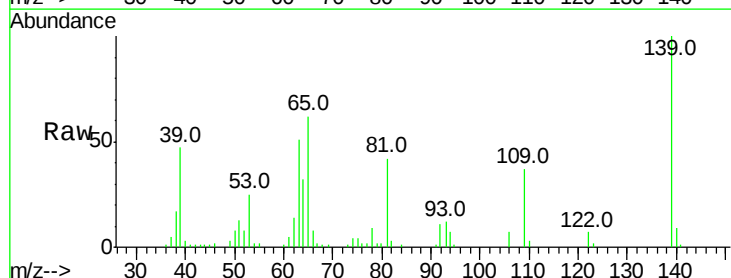
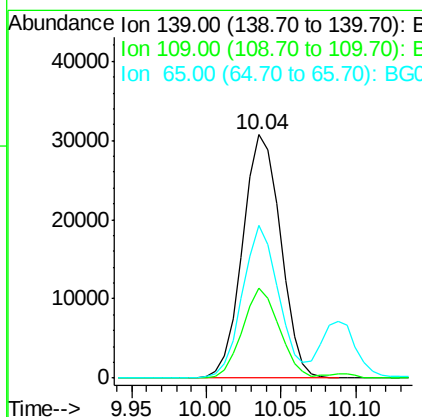
RT: 10.04 min Scan# 1225

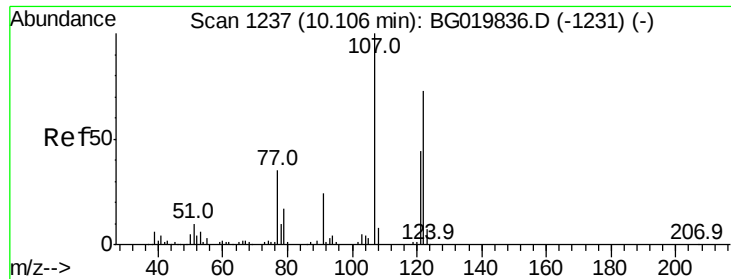
Delta R.T. -0.02 min

Lab File: BG019964.D

Acq: 6 Dec 2015 13:11

Tgt Ion:	139	Resp:	54263
Ion Ratio	Lower	Upper	
139	100		
109	37.1	20.1	30.1#
65	62.5	34.1	51.1#





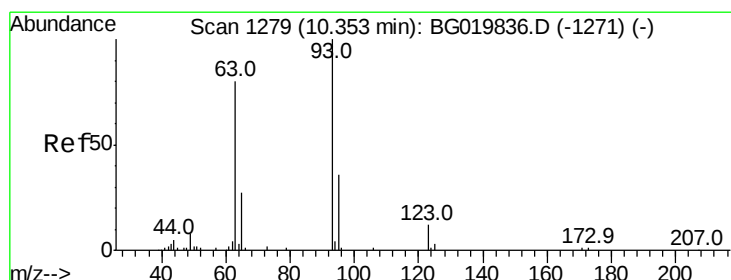
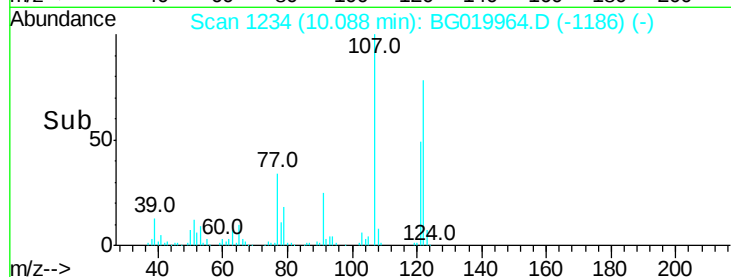
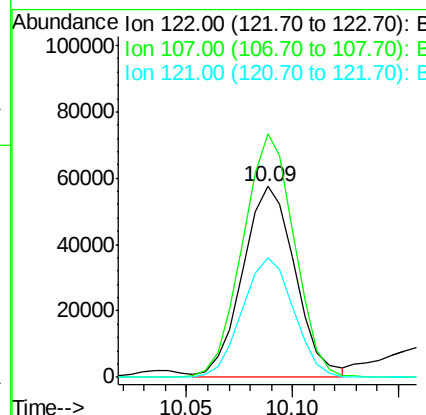
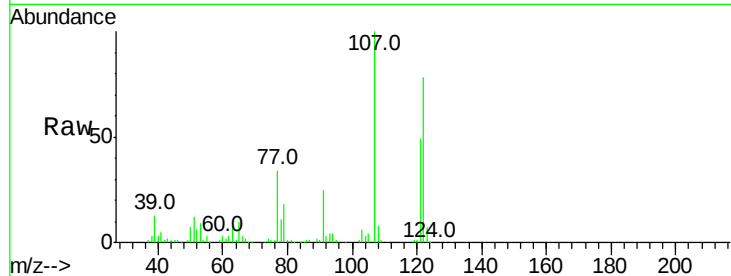
#27
 2,4-Dimethylphenol
 Concen: 42.68 ng
 RT: 10.09 min Scan# 1234
 Delta R.T. -0.02 min
 Lab File: BG019964.D
 Acq: 6 Dec 2015 13:11

Instrument :
 BNA_G
 ClientSampleId :
 COFF(0-2)-2MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	127.6	91.6	137.4
121	62.3	47.3	70.9

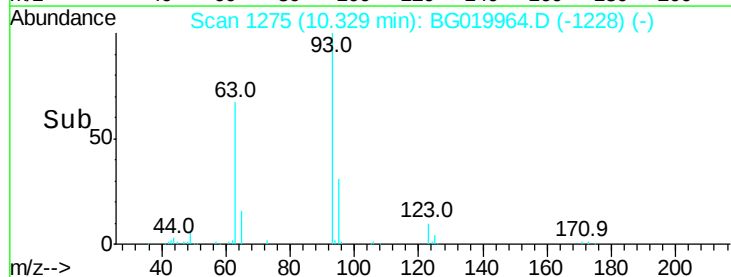
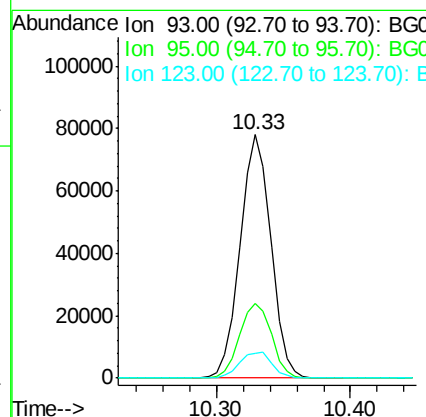
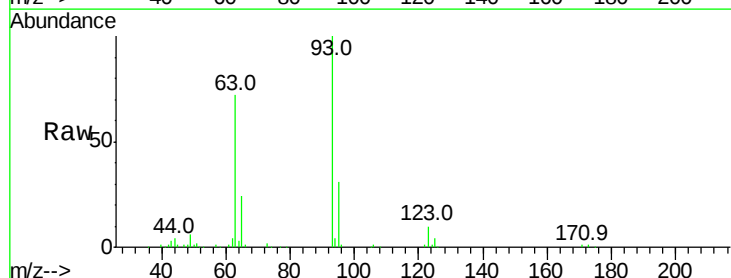
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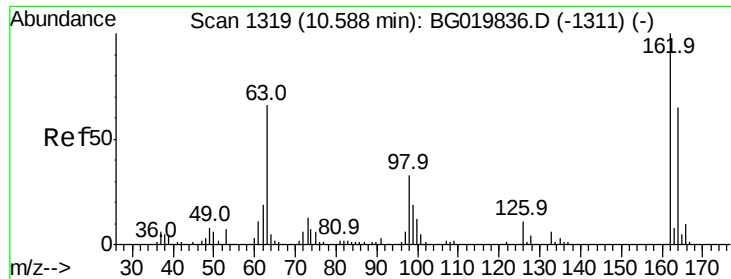
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#28
 bis(2-Chloroethoxy)methane
 Concen: 44.29 ng
 RT: 10.33 min Scan# 1275
 Delta R.T. -0.02 min
 Lab File: BG019964.D
 Acq: 6 Dec 2015 13:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.8	25.7	38.5
123	10.0	8.6	12.8





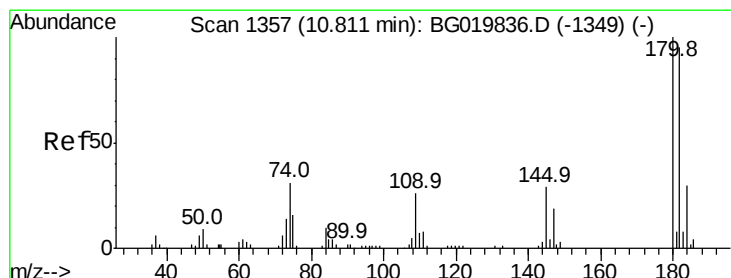
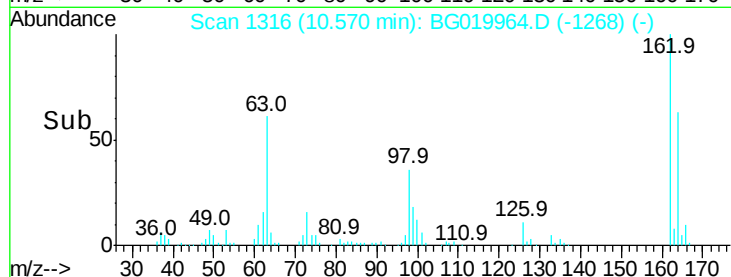
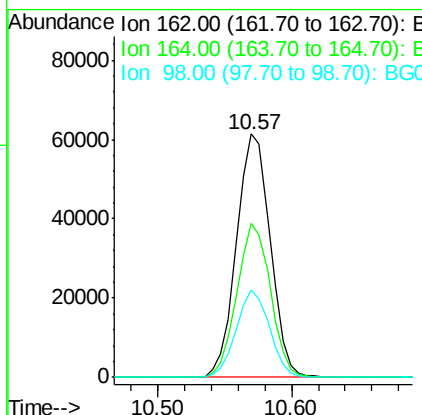
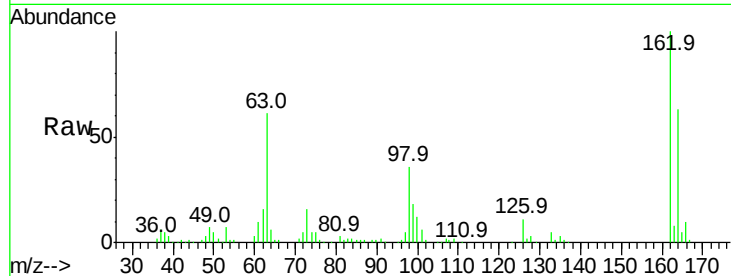
#29
 2,4-Dichlorophenol
 Concen: 45.06 ng
 RT: 10.57 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG019964.D
 Acq: 6 Dec 2015 13:11

Instrument :
 BNA_G
 ClientSampleId :
 COFF(0-2)-2MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.1	42.3	82.3
98	35.8	11.5	51.5

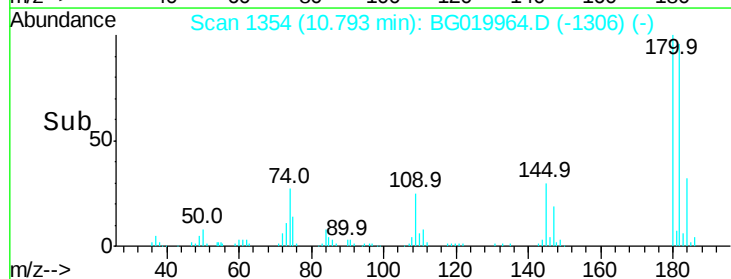
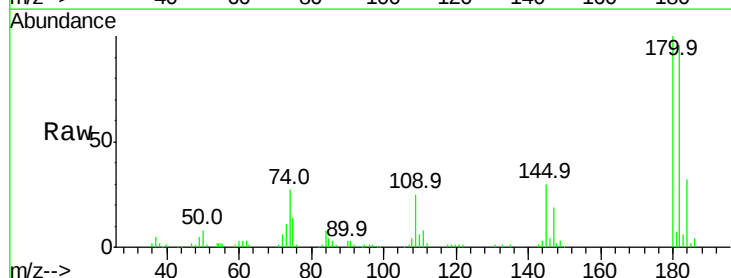
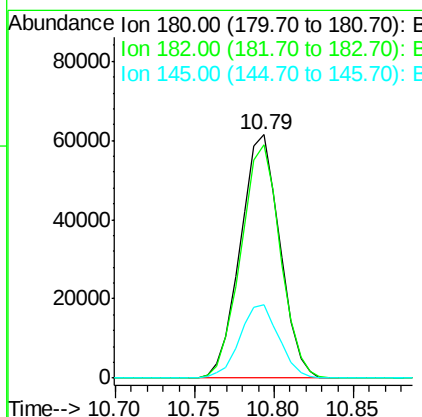
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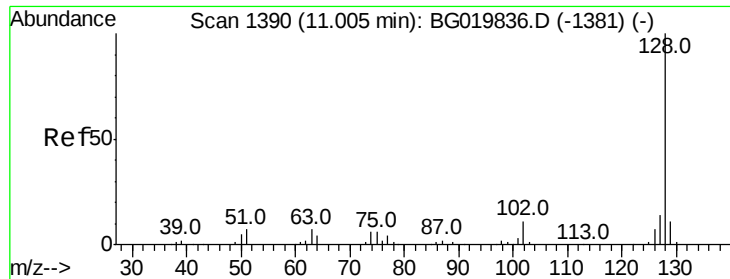
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.45 ng
 RT: 10.79 min Scan# 1354
 Delta R.T. -0.02 min
 Lab File: BG019964.D
 Acq: 6 Dec 2015 13:11

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.9	79.7	119.5
145	30.4	22.0	33.0





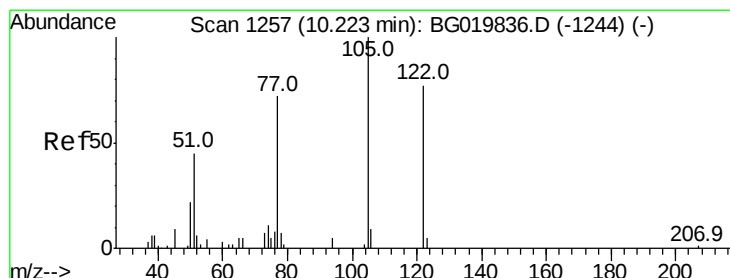
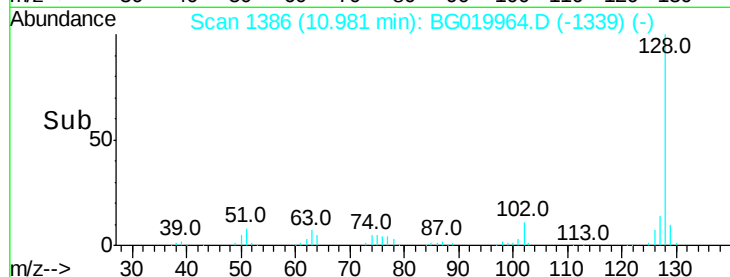
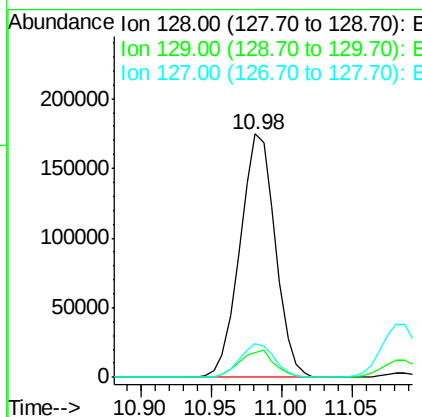
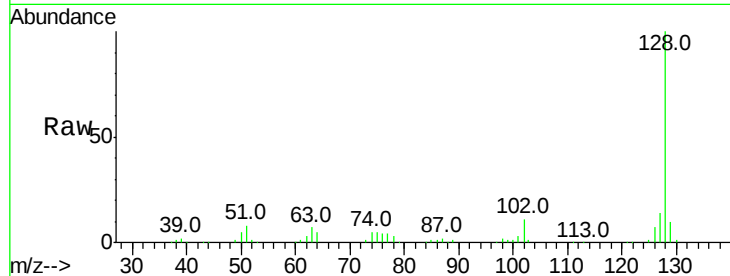
#31
Naphthalene
Concen: 41.80 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.02 min
Lab File: BG019964.D
Acq: 6 Dec 2015 13:11

Instrument :
BNA_G
ClientSampleId :
COFF(0-2)-2MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.5	12.7
127	13.7	10.6	16.0

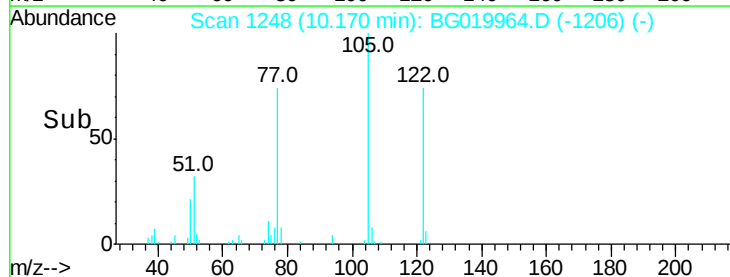
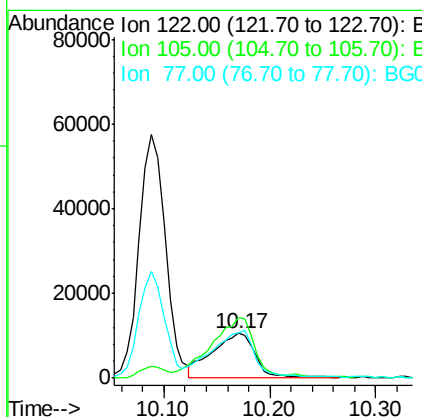
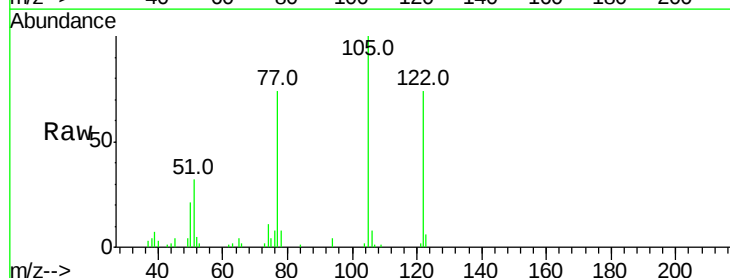
Manual Integrations
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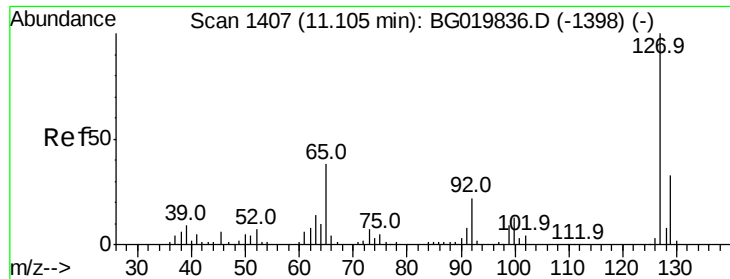
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12/7/2015 6:32:23 PM



#32
Benzoic acid
Concen: 22.98 ng
RT: 10.17 min Scan# 1248
Delta R.T. -0.05 min
Lab File: BG019964.D
Acq: 6 Dec 2015 13:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.7	103.8	143.8
77	99.9	68.8	108.8





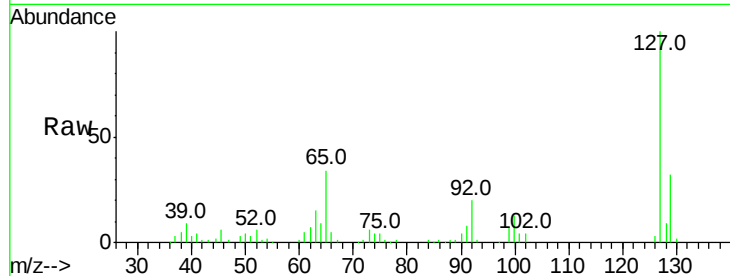
#33
4-Chloroaniline
Concen: 22.06 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BG019964.D
Acq: 6 Dec 2015 13:11

Instrument :
BNA_G
ClientSampleId :
COFF(0-2)-2MSD

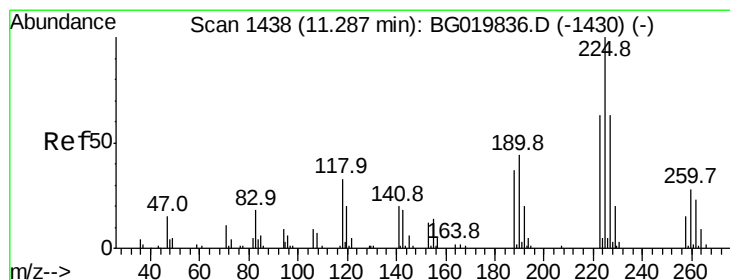
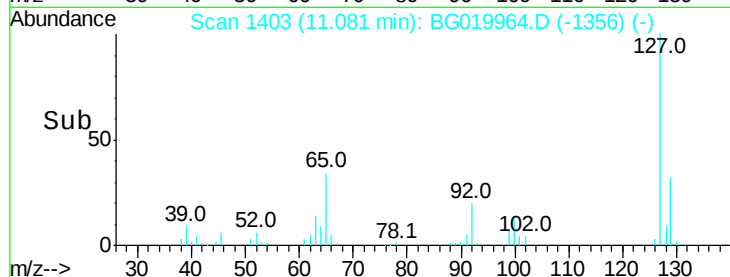
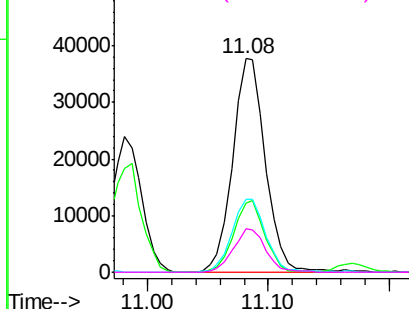
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.2	24.6	37.0	
65	34.0	22.6	33.8	
92	20.5	15.1	22.7	

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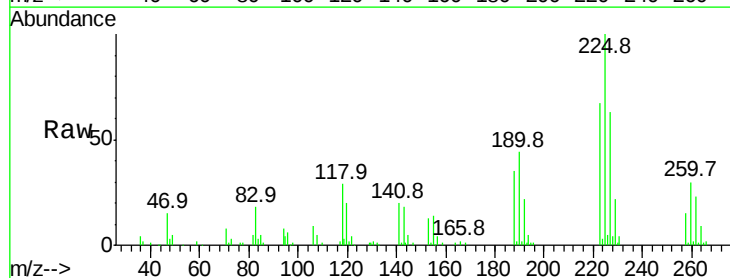


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

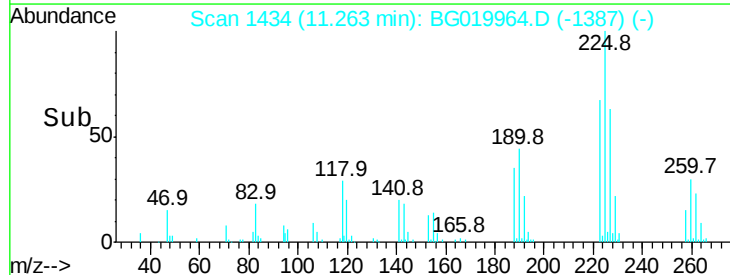
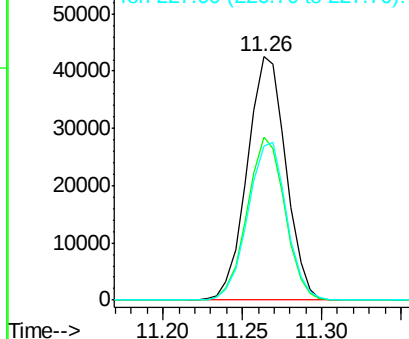


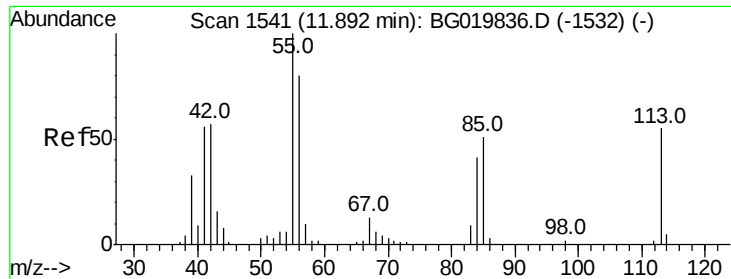
#34
Hexachlorobutadiene
Concen: 36.34 ng
RT: 11.26 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BG019964.D
Acq: 6 Dec 2015 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.1	51.0	76.4	
227	64.0	51.8	77.8	



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





#35

Caprolactam

Concen: 40.10 ng/ml

RT: 11.86 min Scan# 1535

Delta R.T. -0.04 min

Lab File: BG019964.D

Acq: 6 Dec 2015 13:11

Instrument :

BNA_G

ClientSampleId :

COFF(0-2)-2MSD

Tot Ion:113 Resp: 35582

Ion Ratio Lower Upper

113 100

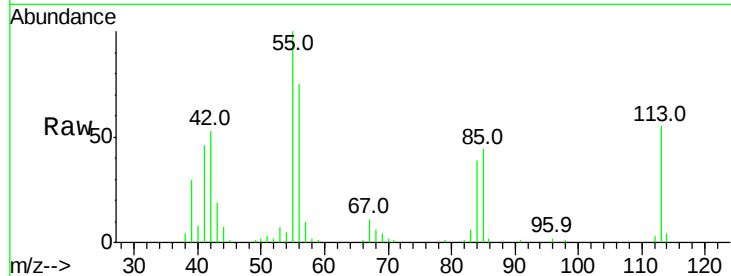
55 183.5 135.0 175.0#

56 137.2 83.4 123.4#

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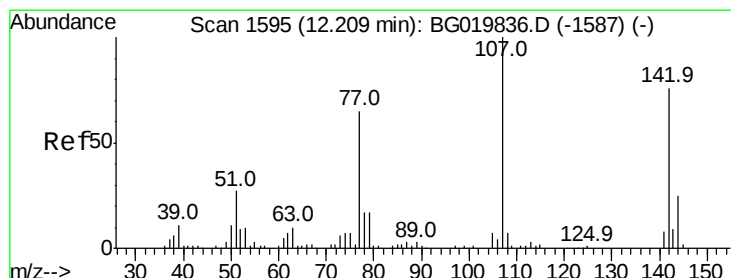
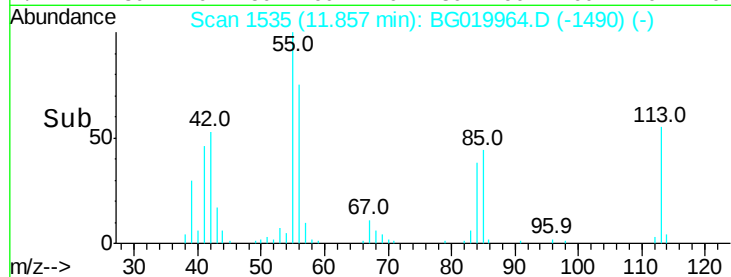
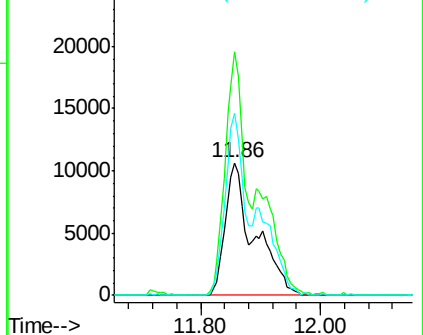
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 41.53 ng

RT: 12.19 min Scan# 1592

Delta R.T. -0.02 min

Lab File: BG019964.D

Acq: 6 Dec 2015 13:11

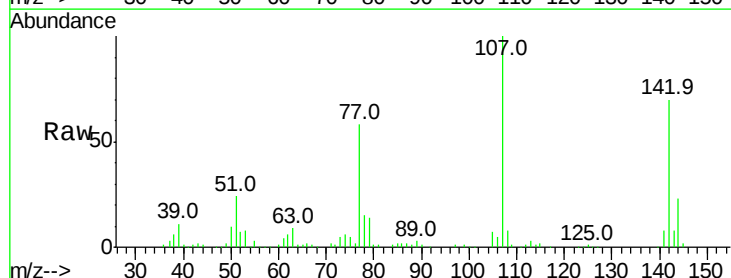
Tgt Ion:107 Resp: 123306

Ion Ratio Lower Upper

107 100

144 22.9 20.6 31.0

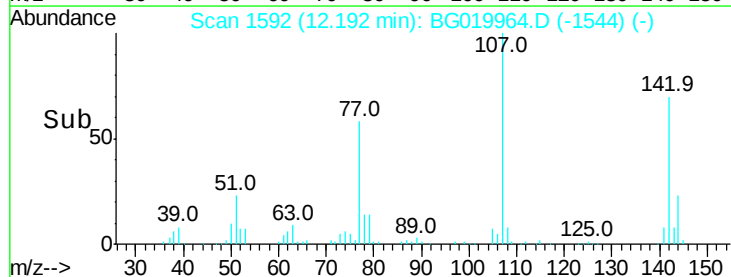
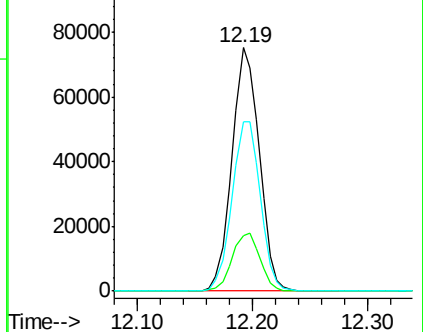
142 69.8 62.6 93.8

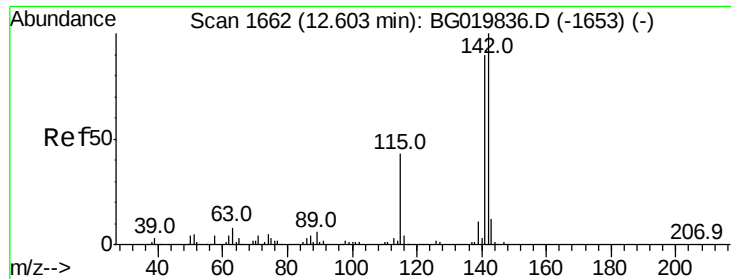


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





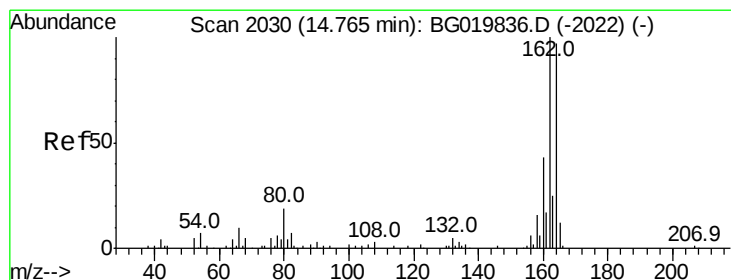
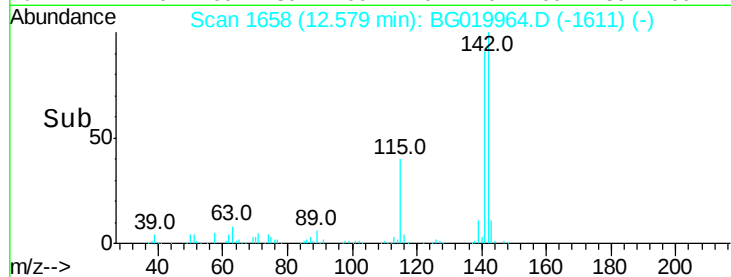
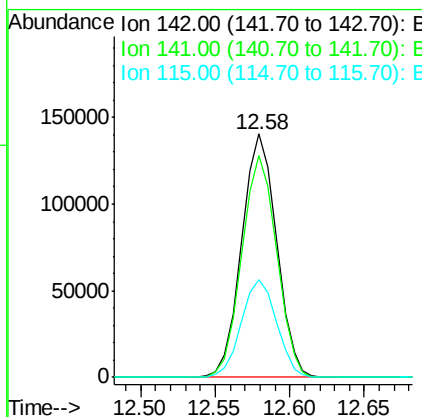
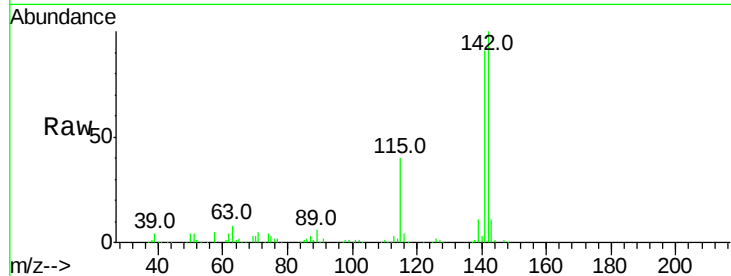
#37
2-Methylnaphthalene
Concen: 42.29 ng
RT: 12.58 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG019964.D
Acq: 6 Dec 2015 13:11

Instrument :
BNA_G
ClientSampleId :
COFF(0-2)-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	226632		
141	91.0	74.6	112.0	
115	40.4	27.4	41.0	

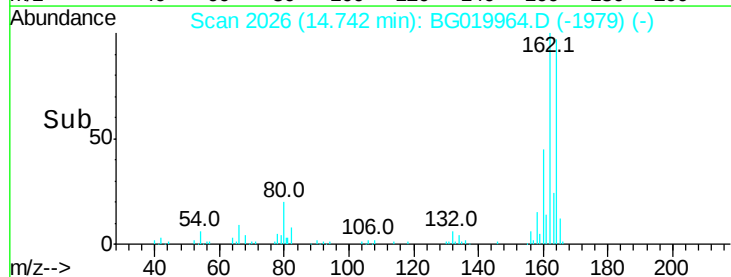
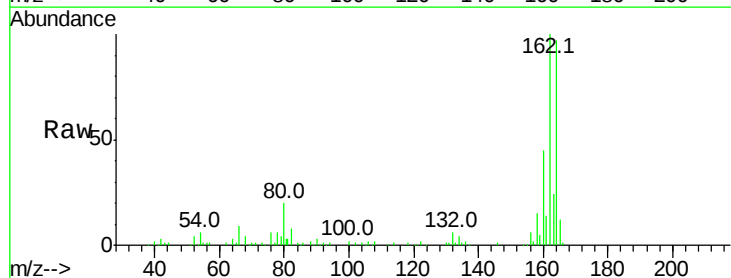
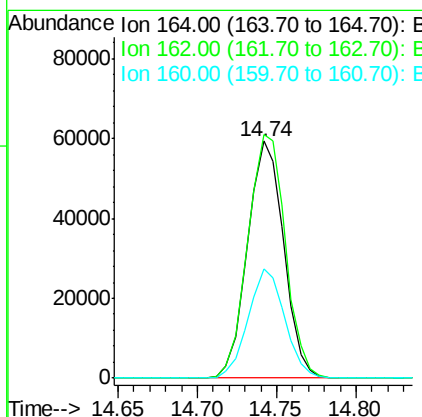
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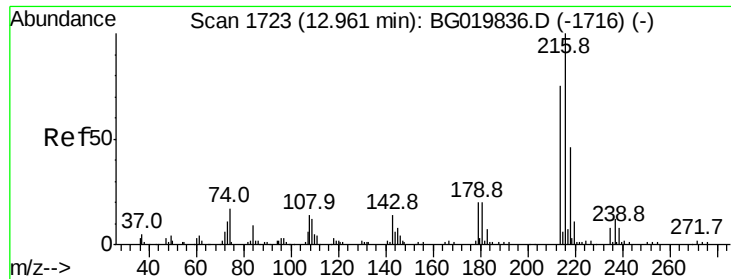
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12/7/2015 6:32:23 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BG019964.D
Acq: 6 Dec 2015 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	94181		
162	102.7	78.8	118.2	
160	45.8	36.4	54.6	





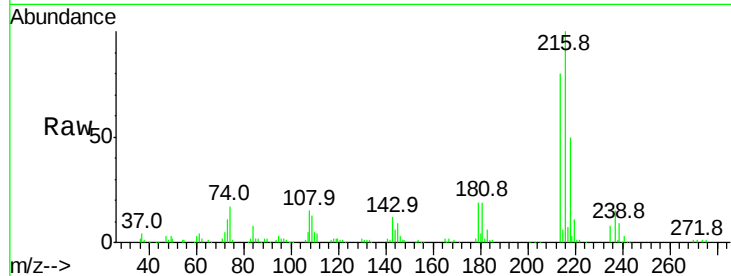
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.78 ng
 RT: 12.94 min Scan# 1720
 Delta R.T. -0.02 min
 Lab File: BG019964.D
 Acq: 6 Dec 2015 13:11

Instrument :
 BNA_G
 ClientSampleId :
 COFF(0-2)-2MSD

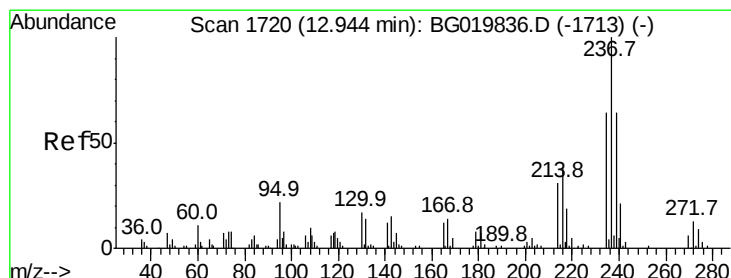
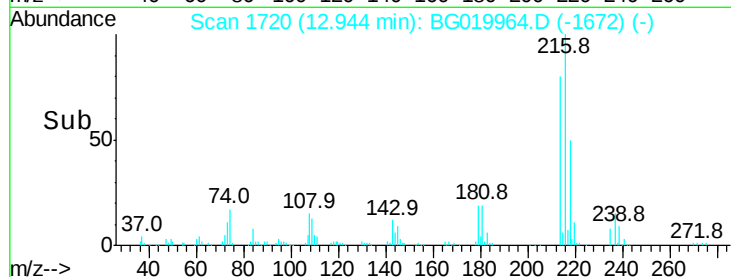
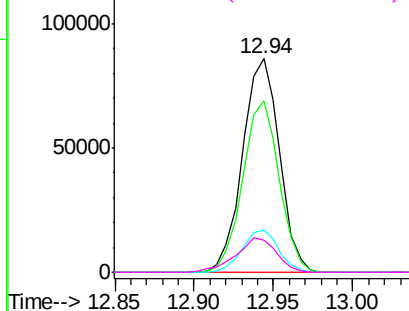
Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.3	62.5	93.7	
179	19.6	15.6	23.4	
108	17.9	13.3	19.9	

Manual Integrations
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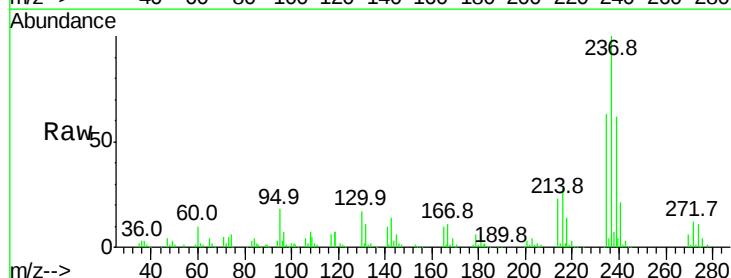


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

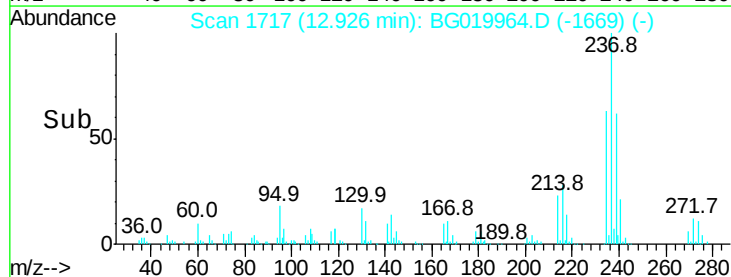
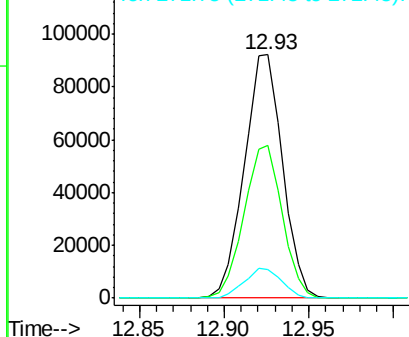


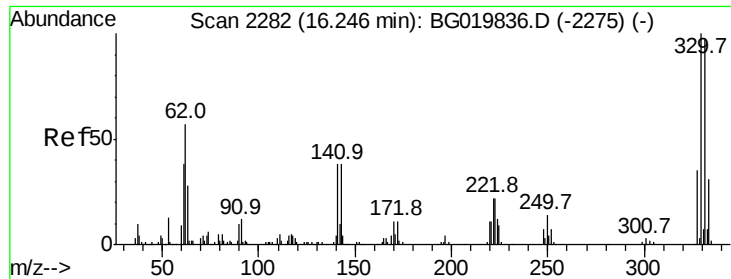
#40
 Hexachlorocyclopentadiene
 Concen: 71.44 ng
 RT: 12.93 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG019964.D
 Acq: 6 Dec 2015 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.6	44.6	84.6	
272	11.7	0.0	32.8	



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





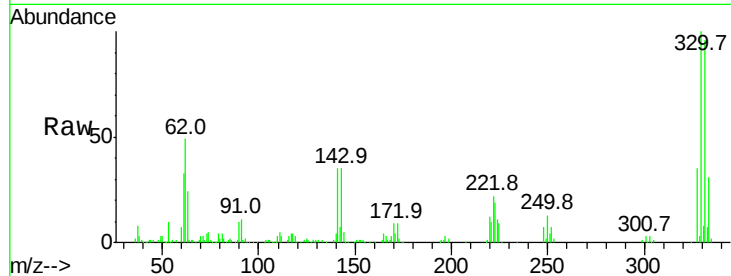
#41
 2,4,6-Tribromophenol
 Concen: 107.24 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BG019964.D
 Acq: 6 Dec 2015 13:11

Instrument :
 BNA_G
 ClientSampleId :
 COFF(0-2)-2MSD

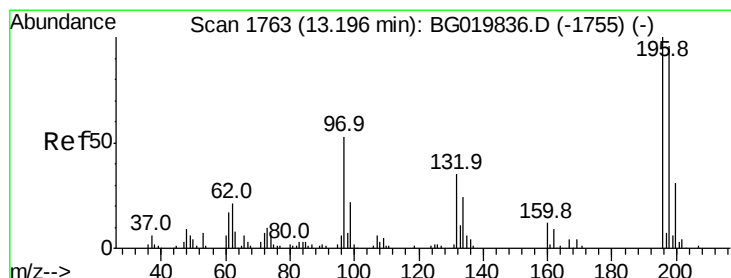
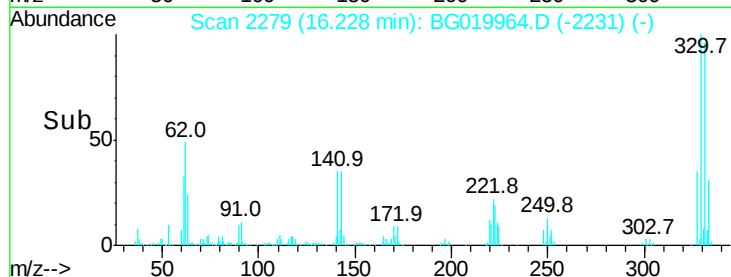
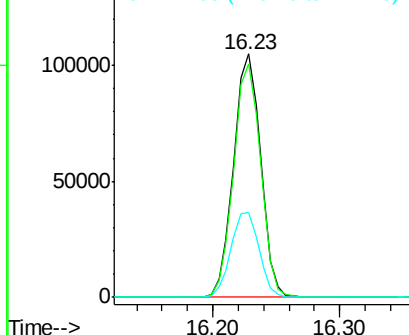
Tot Ion	Ratio	Resp	Lower	Upper
330	100	154540		
332	95.9	78.1	117.1	
141	36.5	28.2	42.2	

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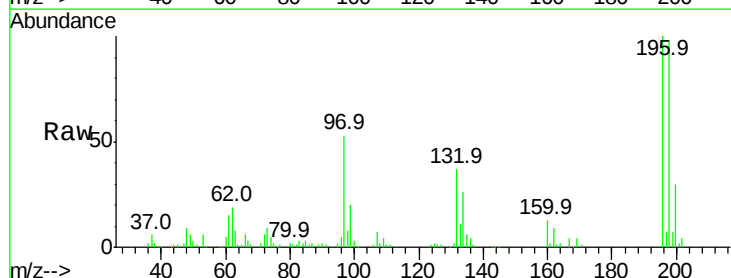


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

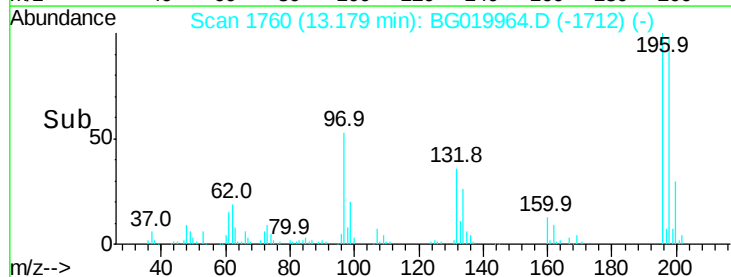
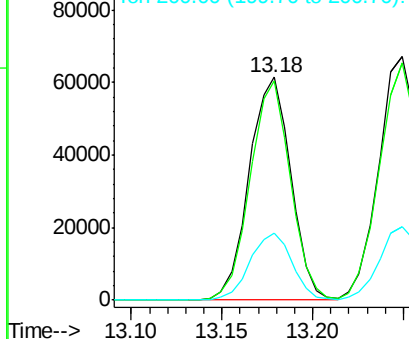


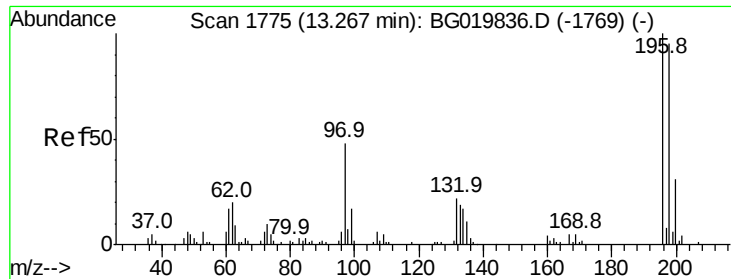
#42
 2,4,6-Trichlorophenol
 Concen: 41.29 ng
 RT: 13.18 min Scan# 1760
 Delta R.T. -0.02 min
 Lab File: BG019964.D
 Acq: 6 Dec 2015 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	97713		
198	98.2	74.7	112.1	
200	29.9	24.1	36.1	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





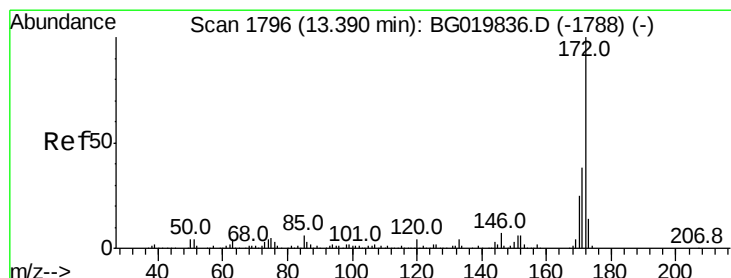
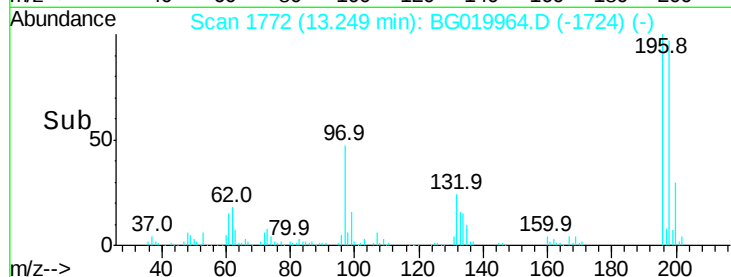
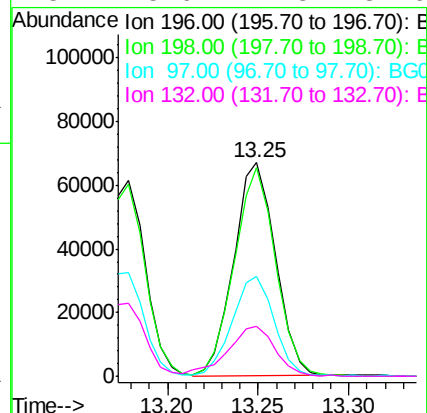
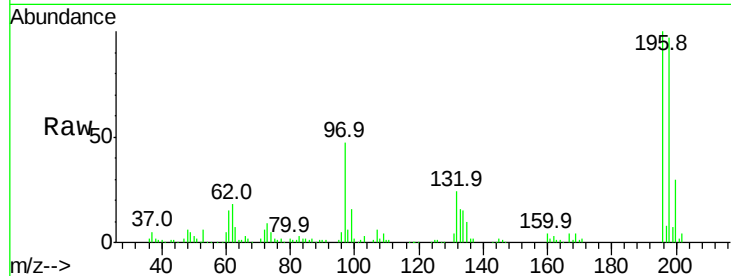
#43
 2,4,5-Trichlorophenol
 Concen: 42.89 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.02 min
 Lab File: BG019964.D
 Acq: 6 Dec 2015 13:11

Instrument :
 BNA_G
 ClientSampleId :
 COFF(0-2)-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	107255		
198	97.4	75.2	112.8	
97	46.6	34.2	51.2	
132	23.6	21.8	32.6	

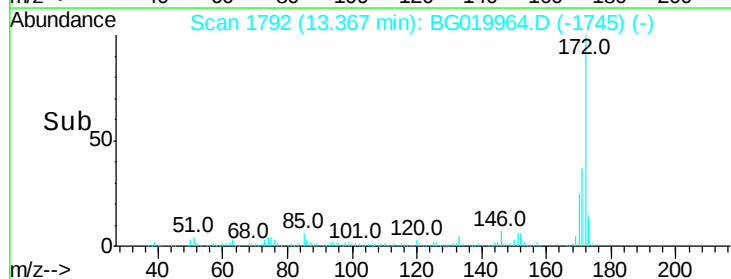
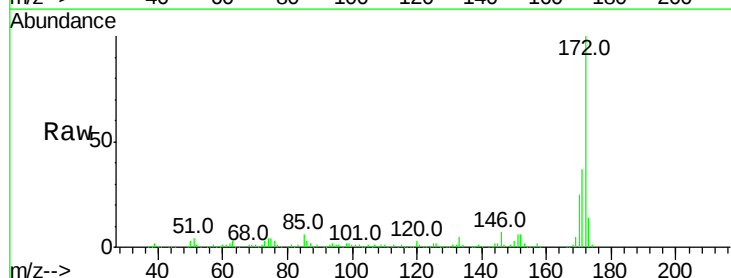
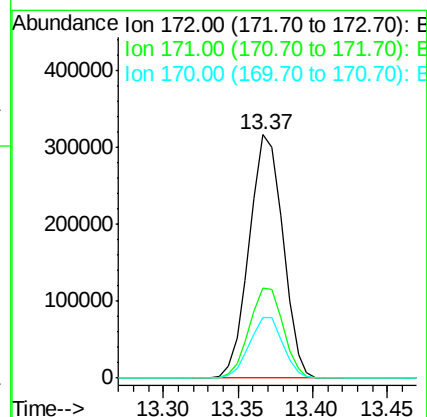
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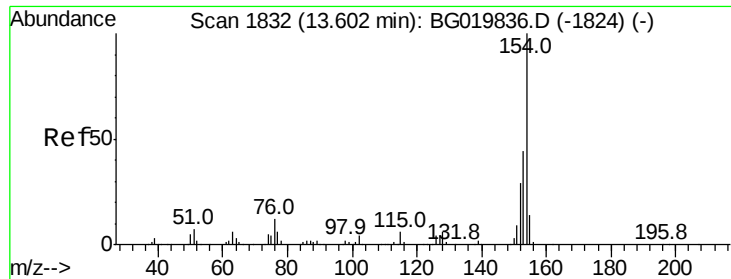
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 12/7/2015 6:32:23 PM



#44
 2-Fluorobiphenyl
 Concen: 71.50 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG019964.D
 Acq: 6 Dec 2015 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	493170		
171	37.2	29.0	43.6	
170	25.0	19.9	29.9	





#45

1,1'-Biphenyl

Concen: 38.26 ng

RT: 13.58 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BG019964.D

Acq: 6 Dec 2015 13:11

Instrument :

BNA_G

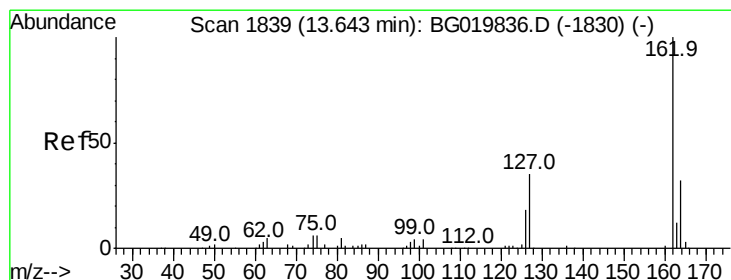
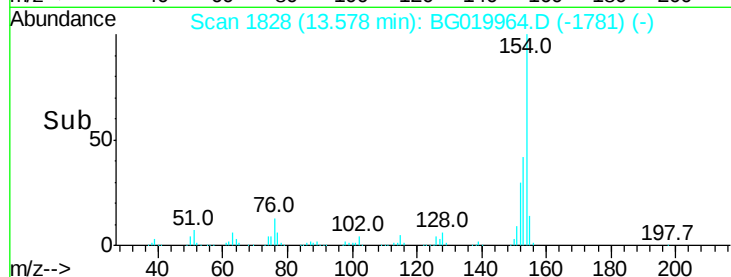
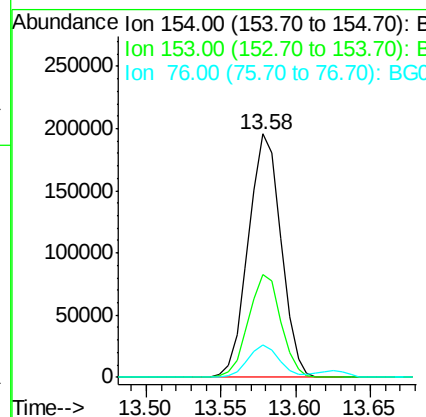
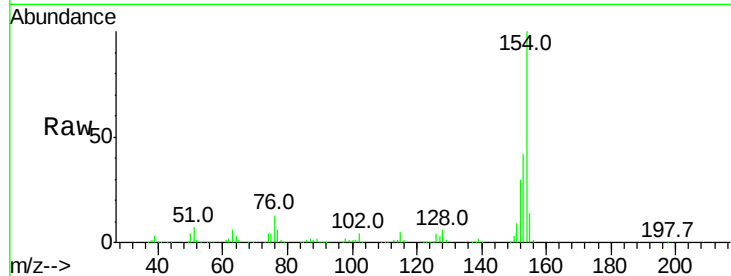
ClientSampleId :

COFF(0-2)-2MSD

Tot Ion:	154	Resp:	295748
Ion Ratio	Lower	Upper	
154	100		
153	42.2	21.9	61.9
76	13.2	0.0	33.2

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#46

2-Chloronaphthalene

Concen: 40.34 ng

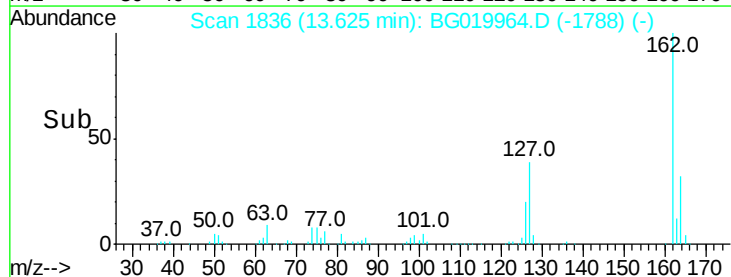
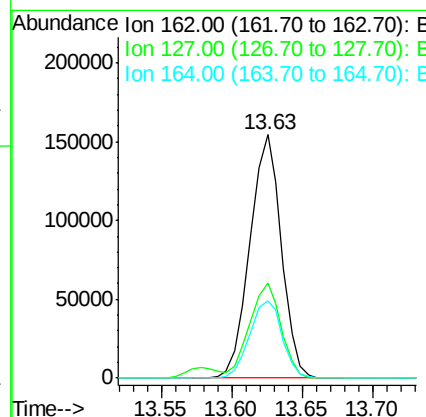
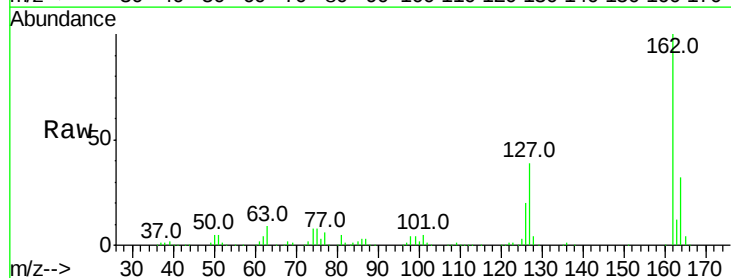
RT: 13.63 min Scan# 1836

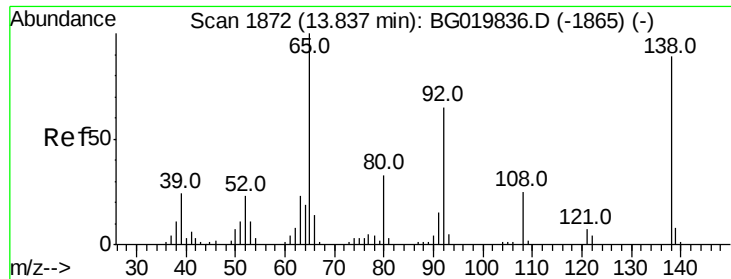
Delta R.T. -0.02 min

Lab File: BG019964.D

Acq: 6 Dec 2015 13:11

Tgt Ion:	162	Resp:	240325
Ion Ratio	Lower	Upper	
162	100		
127	39.0	28.3	42.5
164	31.9	27.4	41.0





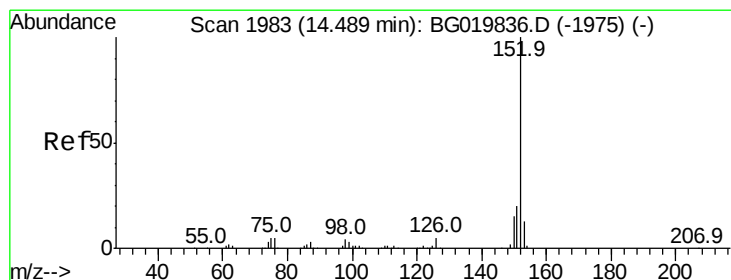
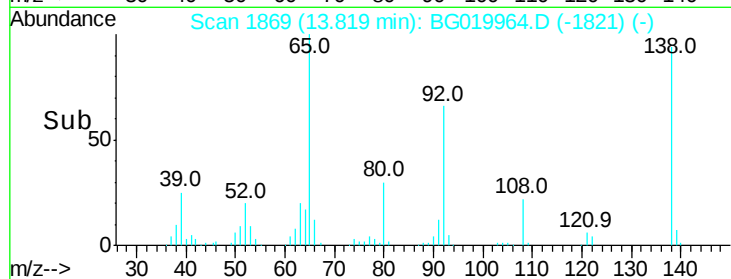
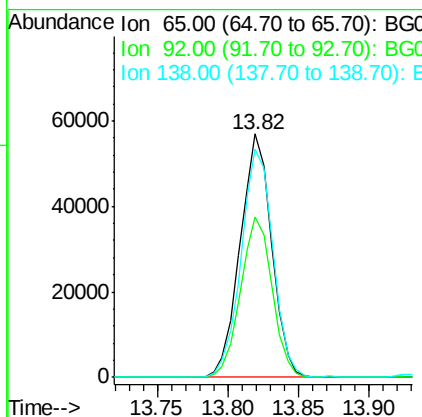
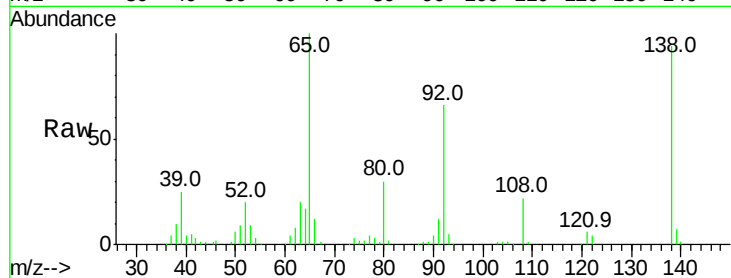
#47
2-Nitroaniline
Concen: 47.33 ng
RT: 13.82 min Scan# 1869
Delta R.T. -0.02 min
Lab File: BG019964.D
Acq: 6 Dec 2015 13:11

Instrument :
BNA_G
ClientSampleId :
COFF(0-2)-2MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.9	54.8	82.2
138	93.8	89.6	134.4

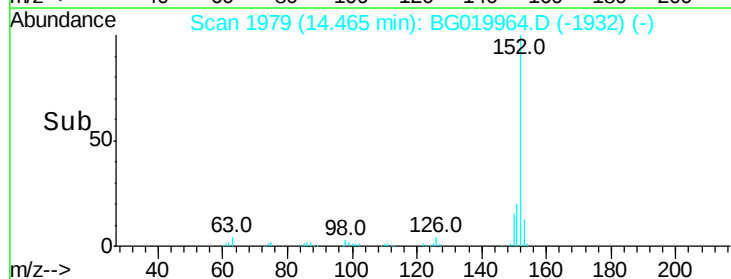
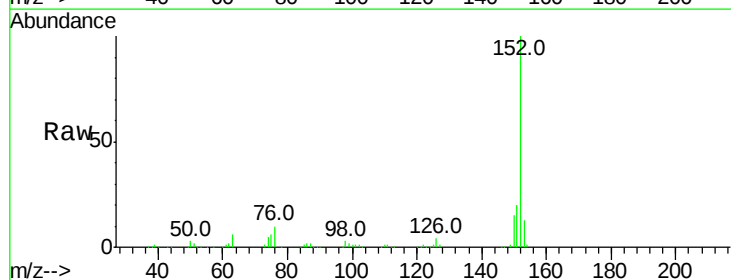
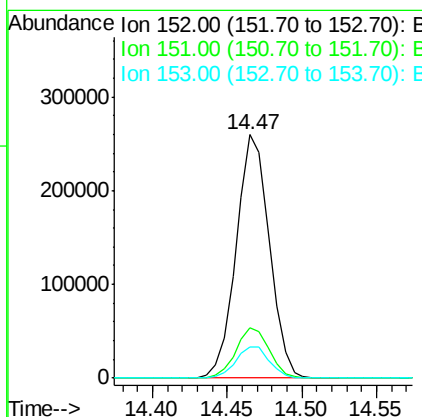
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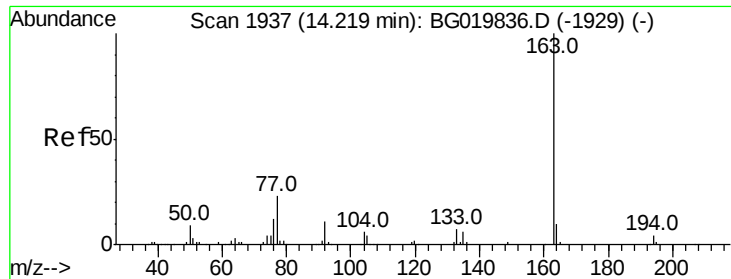
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12/7/2015 6:32:23 PM



#48
Acenaphthylene
Concen: 39.46 ng
RT: 14.47 min Scan# 1979
Delta R.T. -0.02 min
Lab File: BG019964.D
Acq: 6 Dec 2015 13:11

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	17.0	25.4
153	12.9	10.4	15.6





#49

Dimethylphthalate

Concen: 53.55 ng

RT: 14.20 min Scan# 1933

Delta R.T. -0.02 min

Lab File: BG019964.D

Acq: 6 Dec 2015 13:11

Instrument :

BNA_G

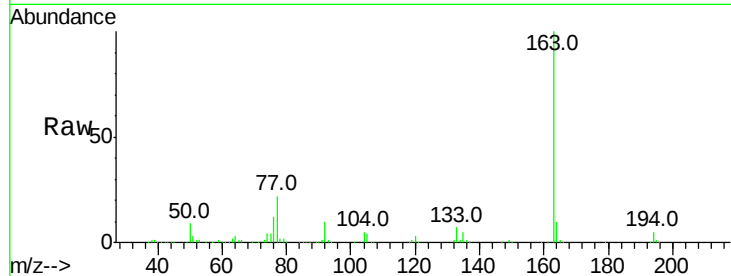
ClientSampleId :

COFF(0-2)-2MSD

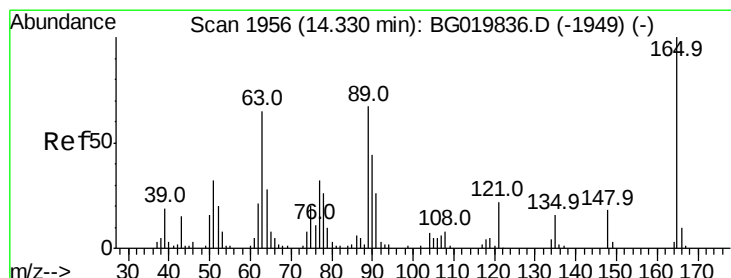
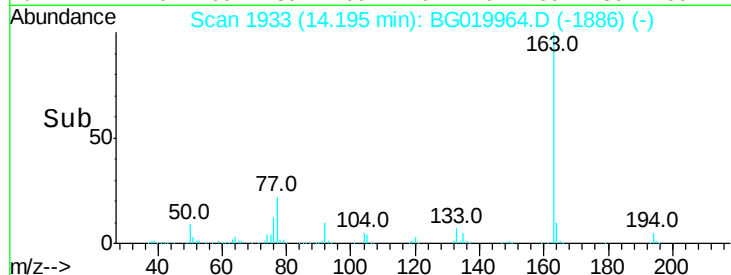
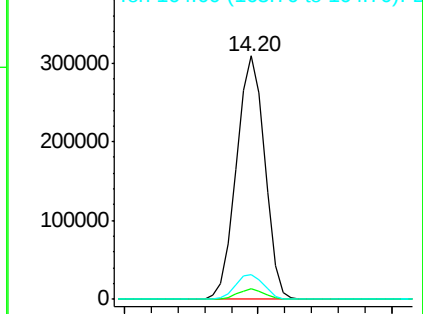
Tot Ion:	163	Resp:	453648
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.1	4.7
164	10.2	8.8	13.2

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 46.18 ng

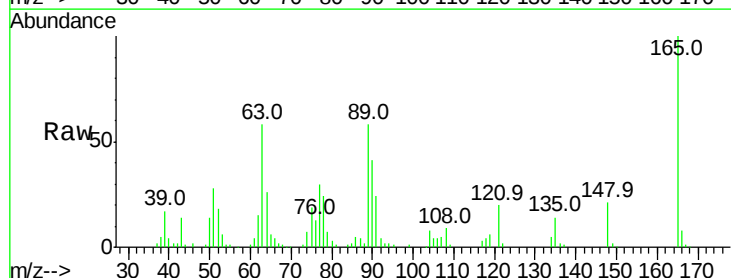
RT: 14.31 min Scan# 1953

Delta R.T. -0.02 min

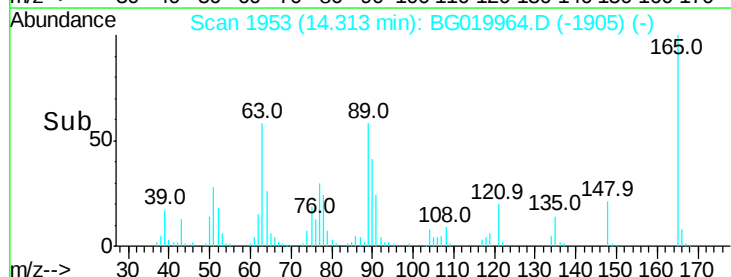
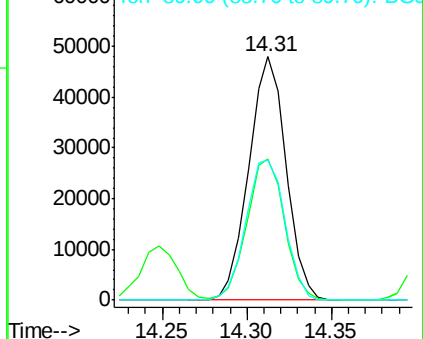
Lab File: BG019964.D

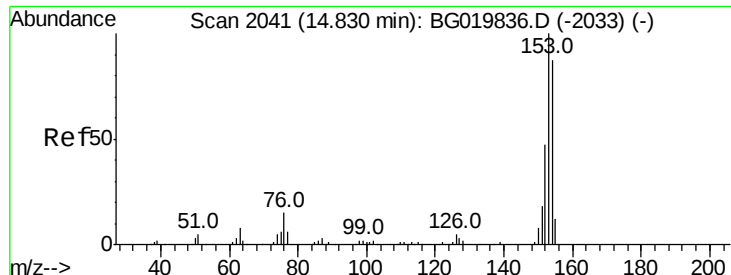
Acq: 6 Dec 2015 13:11

Tgt Ion:	165	Resp:	73550
Ion Ratio	Lower	Upper	
165	100		
63	58.0	35.7	53.5#
89	57.6	39.7	59.5



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG





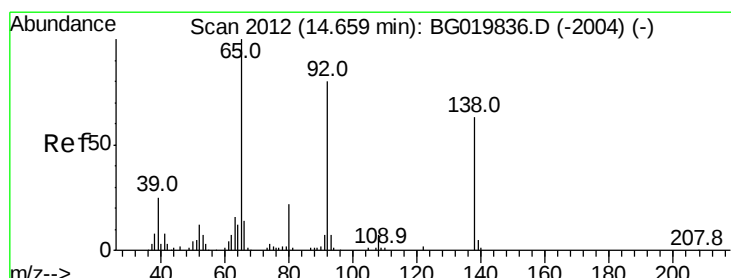
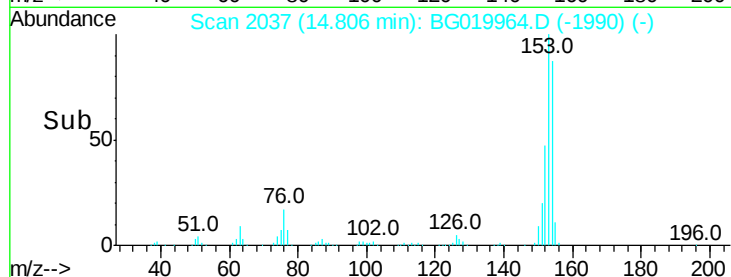
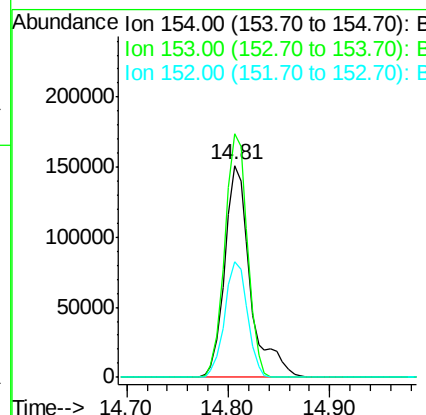
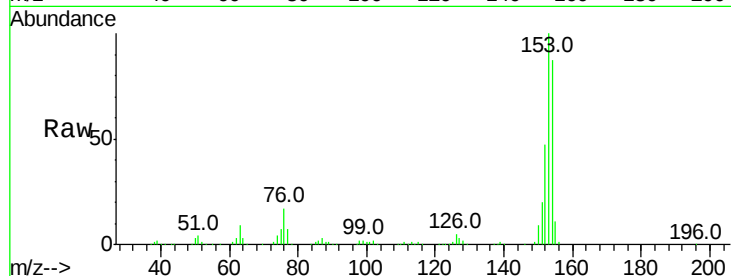
#51
Acenaphthene
Concen: 43.26 ng
RT: 14.81 min Scan# 2037
Delta R.T. -0.02 min
Lab File: BG019964.D
Acq: 6 Dec 2015 13:11

Instrument :
BNA_G
ClientSampleId :
COFF(0-2)-2MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.8	92.9	139.3
152	54.4	45.8	68.8

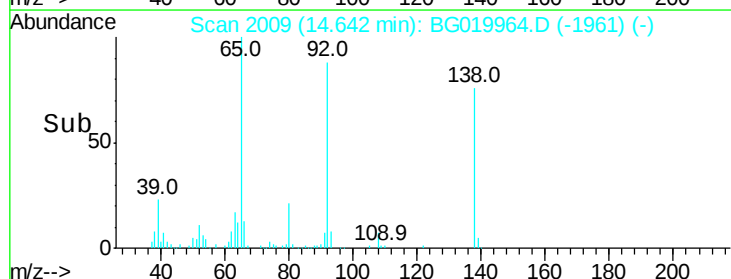
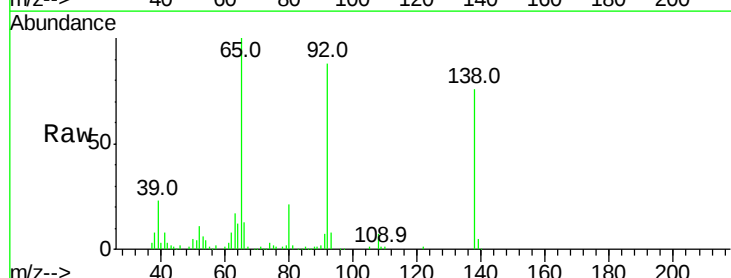
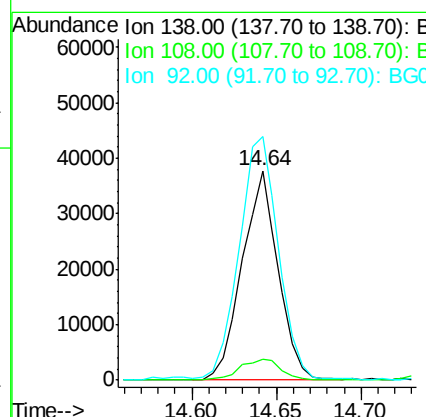
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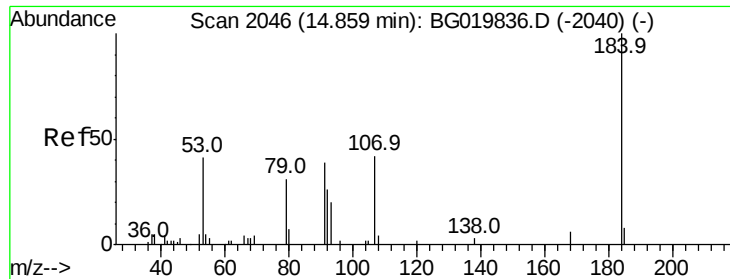
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#52
3-Nitroaniline
Concen: 33.68 ng
RT: 14.64 min Scan# 2009
Delta R.T. -0.02 min
Lab File: BG019964.D
Acq: 6 Dec 2015 13:11

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.9	11.9
92	116.3	94.2	141.4





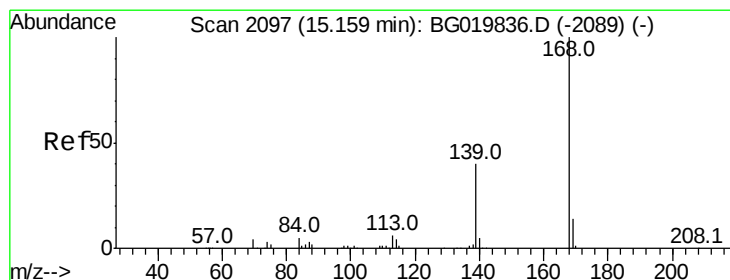
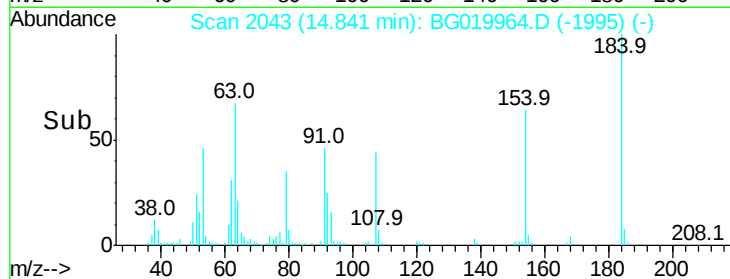
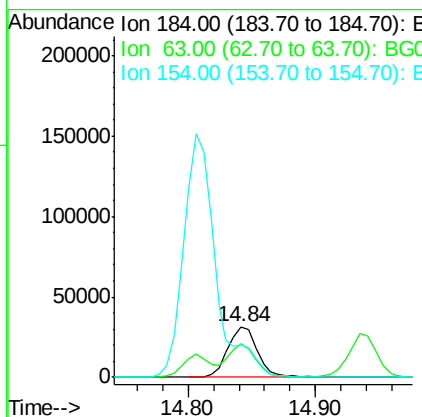
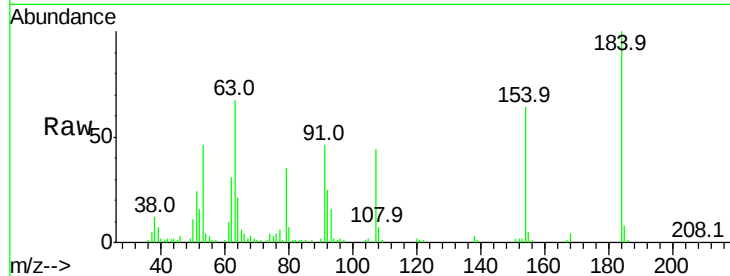
#53
2,4-Dinitrophenol
Concen: 63.09 ng
RT: 14.84 min Scan# 2043
Delta R.T. -0.02 min
Lab File: BG019964.D
Acq: 6 Dec 2015 13:11

Instrument :
BNA_G
ClientSampleId :
COFF(0-2)-2MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	67.2	42.7	64.1#
154	64.4	44.3	66.5

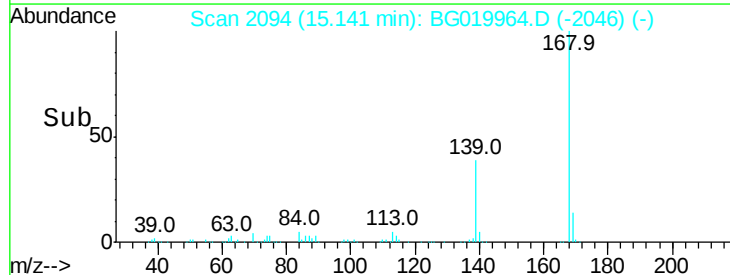
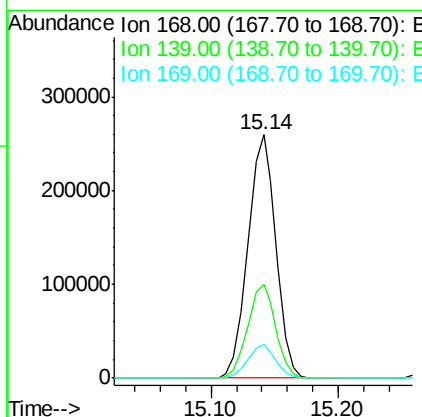
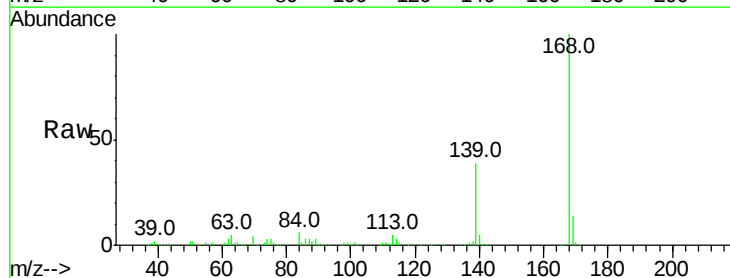
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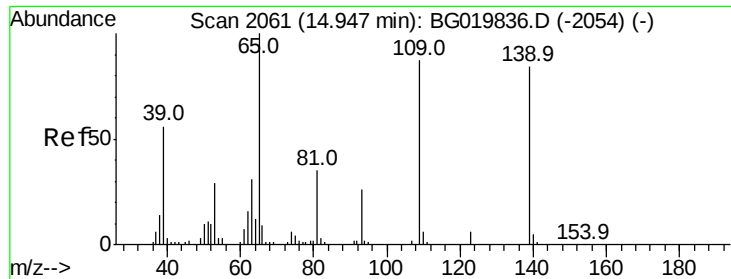
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12/7/2015 6:32:23 PM



#54
Dibenzofuran
Concen: 43.18 ng
RT: 15.14 min Scan# 2094
Delta R.T. -0.02 min
Lab File: BG019964.D
Acq: 6 Dec 2015 13:11

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.6	27.4	41.0
169	13.7	11.0	16.4





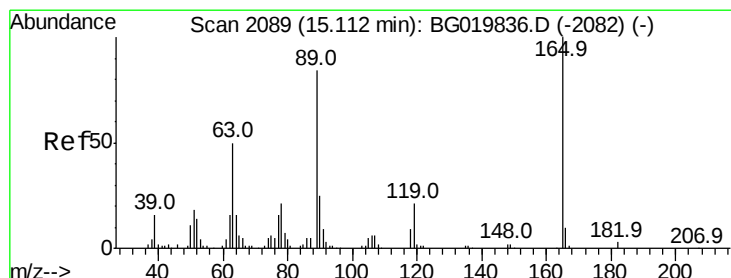
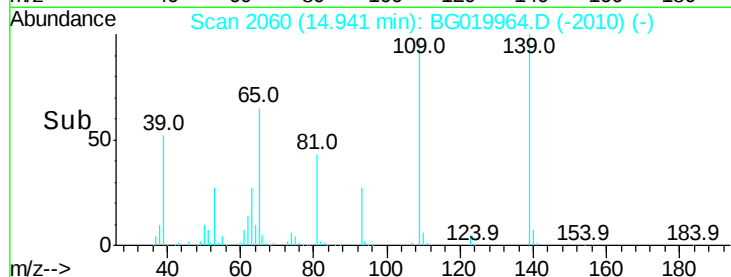
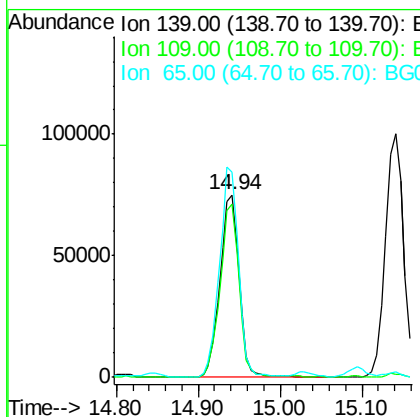
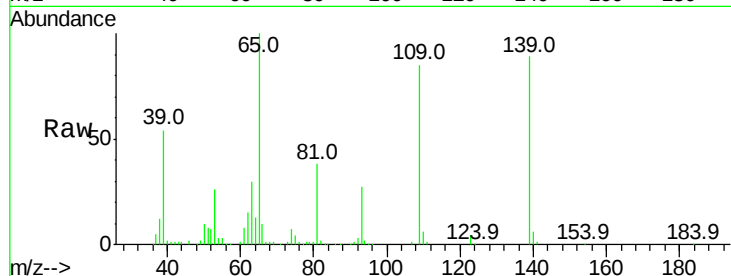
#55
4-Nitrophenol
Concen: 86.15 ng
RT: 14.94 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BG019964.D
Acq: 6 Dec 2015 13:11

Instrument :
BNA_G
ClientSampled :
COFF(0-2)-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	95.3	43.2	83.2#	
65	112.6	67.8	107.8#	

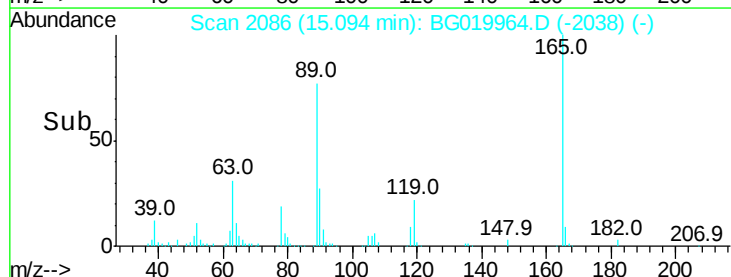
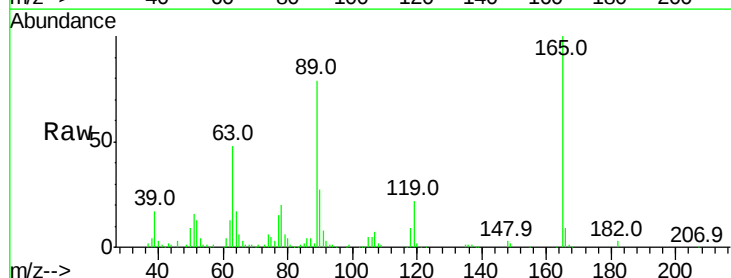
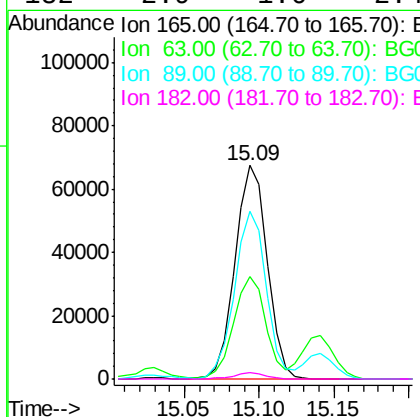
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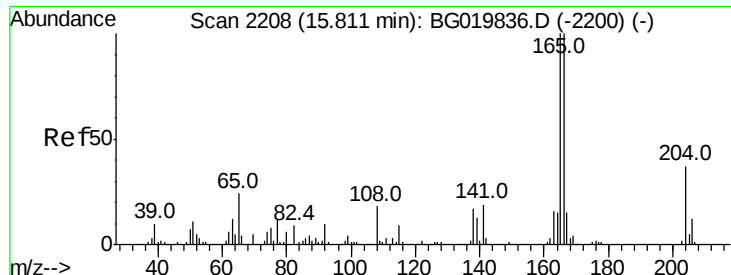
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#56
2,4-Dinitrotoluene
Concen: 45.59 ng
RT: 15.09 min Scan# 2086
Delta R.T. -0.02 min
Lab File: BG019964.D
Acq: 6 Dec 2015 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	48.1	31.0	46.4#	
89	78.7	54.4	81.6	
182	2.9	1.6	2.4#	





#57

Fluorene

Concen: 38.35 ng

RT: 15.79 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG019964.D

Acq: 6 Dec 2015 13:11

Instrument :

BNA_G

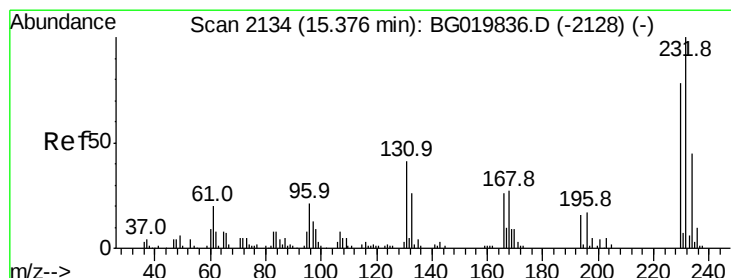
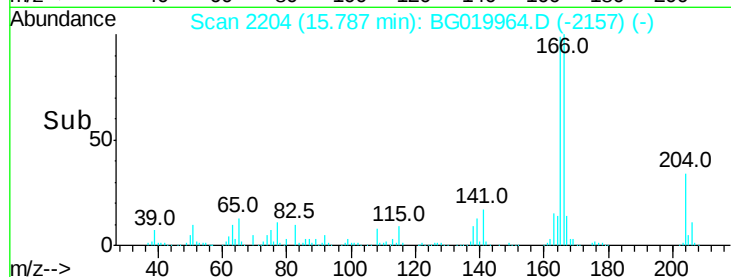
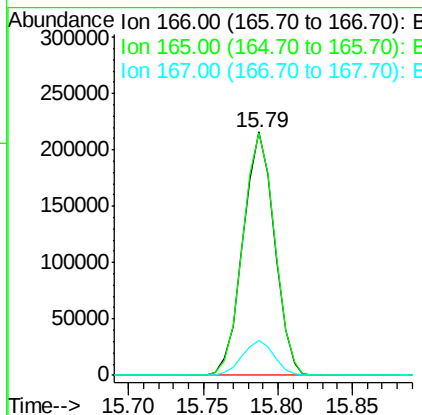
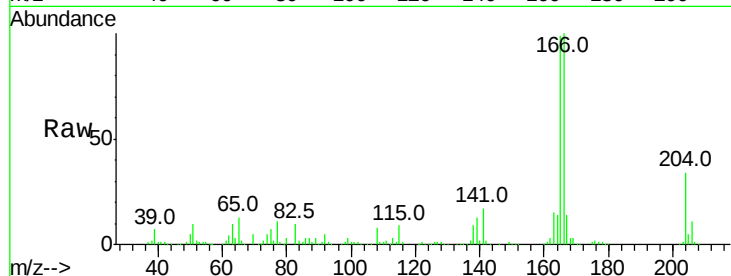
ClientSampleId :

COFF(0-2)-2MSD

Tot Ion:	166	Resp:	314411
Ion Ratio	Lower	Upper	
166	100		
165	99.4	80.0	120.0
167	14.3	11.1	16.7

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12/7/2015 6:32:23 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.30 ng

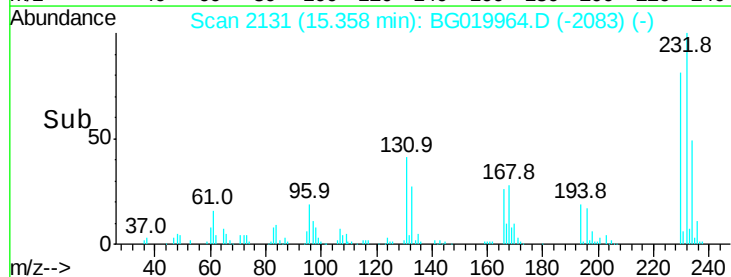
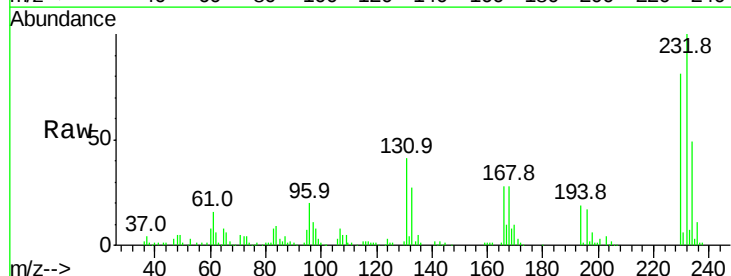
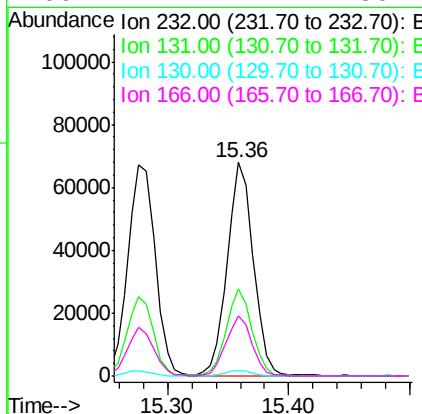
RT: 15.36 min Scan# 2131

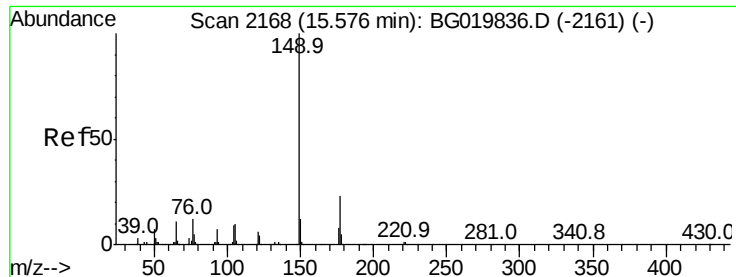
Delta R.T. -0.02 min

Lab File: BG019964.D

Acq: 6 Dec 2015 13:11

Tgt Ion:	232	Resp:	102534
Ion Ratio	Lower	Upper	
232	100		
131	40.0	33.0	49.6
130	2.5	2.0	3.0
166	27.7	24.1	36.1





#59

Diethylphthalate

Concen: 36.88 ng

RT: 15.55 min Scan# 2164

Delta R.T. -0.02 min

Lab File: BG019964.D

Acq: 6 Dec 2015 13:11

Instrument :

BNA_G

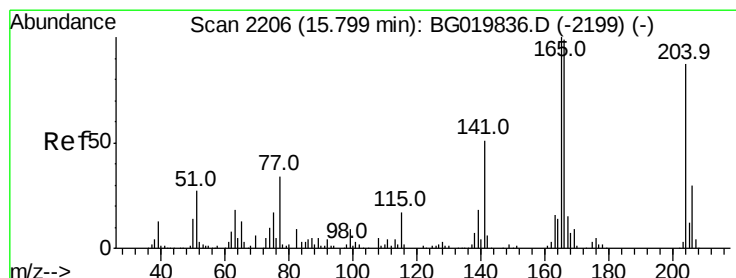
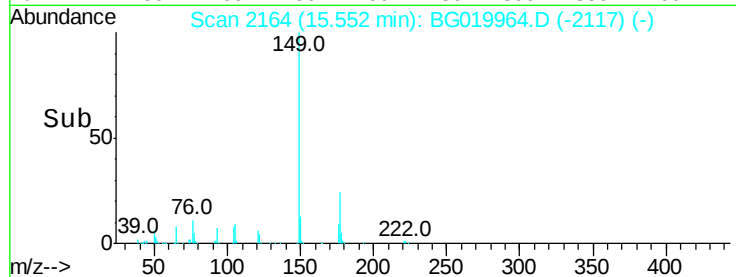
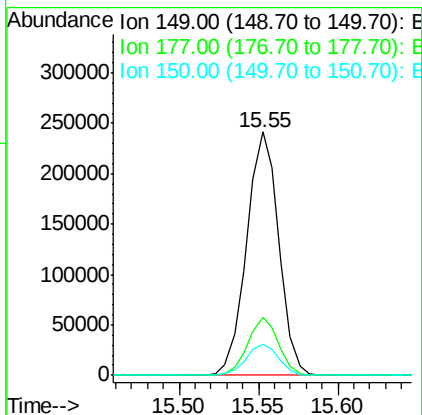
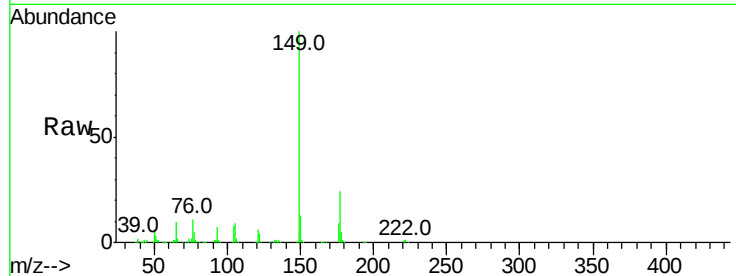
ClientSampleId :

COFF(0-2)-2MSD

Tot Ion:	149	Resp:	338117
Ion Ratio	Lower	Upper	
149	100		
177	23.6	19.6	29.4
150	13.0	10.2	15.2

Manual Integrations
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#60

4-Chlorophenyl-phenylether

Concen: 36.67 ng

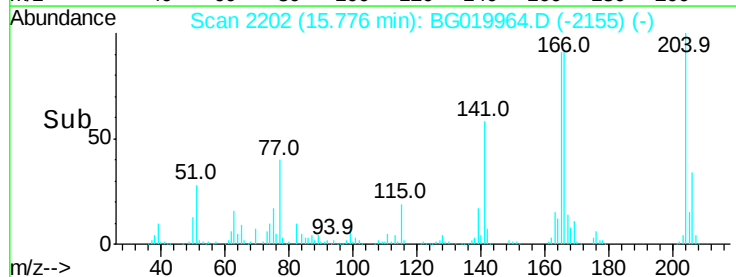
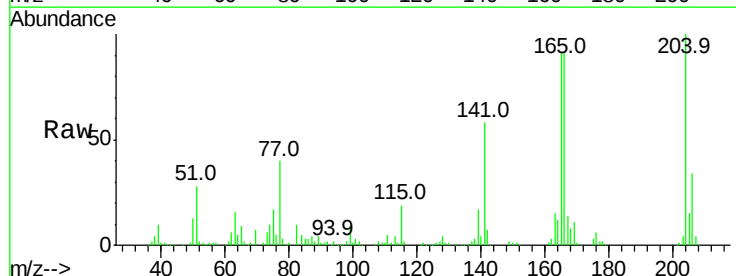
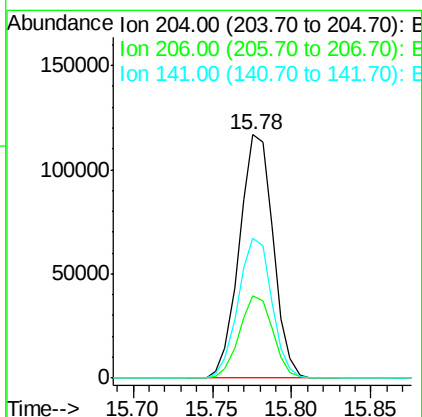
RT: 15.78 min Scan# 2202

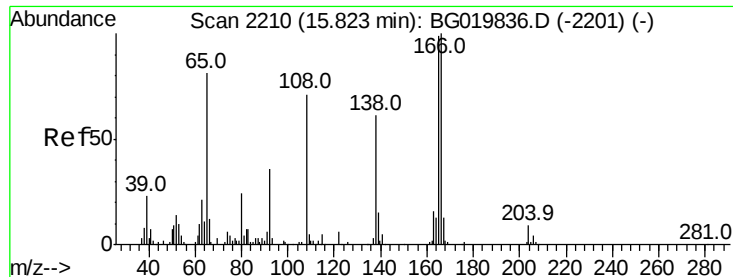
Delta R.T. -0.02 min

Lab File: BG019964.D

Acq: 6 Dec 2015 13:11

Tgt Ion:	204	Resp:	172612
Ion Ratio	Lower	Upper	
204	100		
206	33.6	28.3	42.5
141	57.6	44.0	66.0





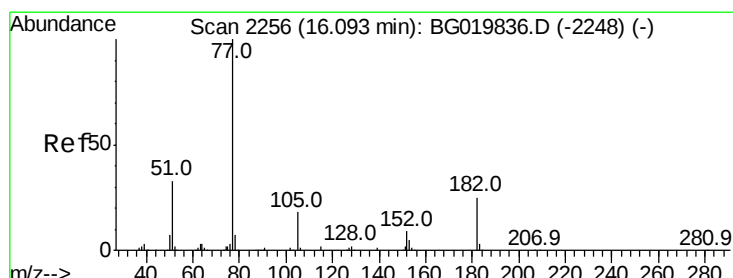
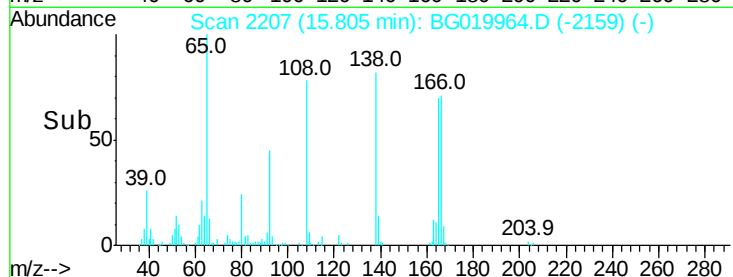
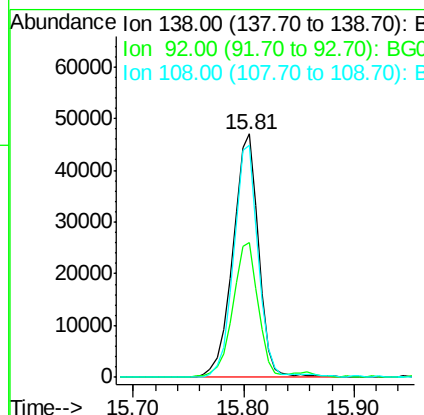
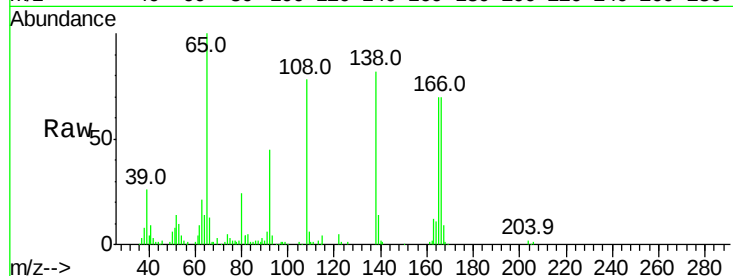
#61
4-Nitroaniline
Concen: 41.16 ng
RT: 15.81 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BG019964.D
Acq: 6 Dec 2015 13:11

Instrument :
BNA_G
ClientSampleId :
COFF(0-2)-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	55.2	29.1	69.1	
108	95.5	49.8	89.8	

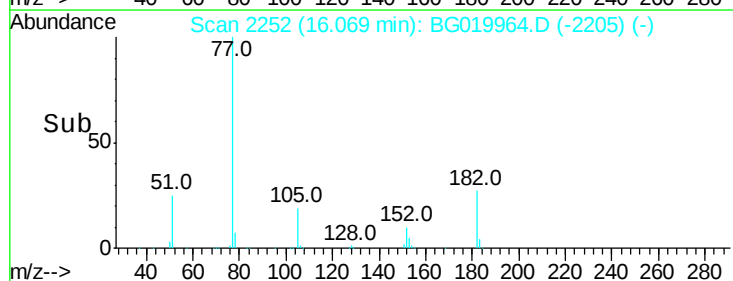
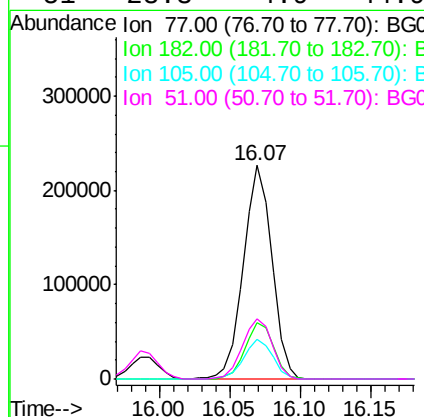
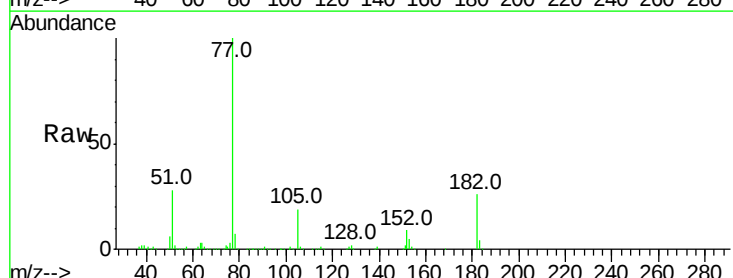
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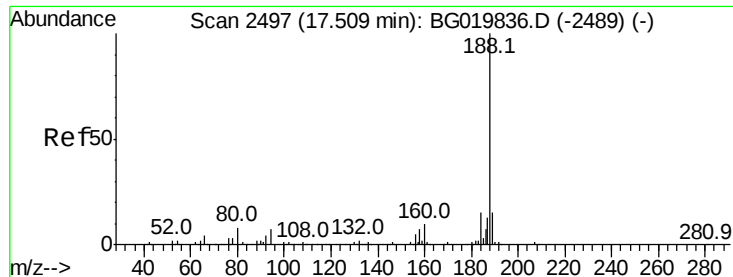
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12/7/2015 6:32:23 PM



#62
Azobenzene
Concen: 42.00 ng
RT: 16.07 min Scan# 2252
Delta R.T. -0.02 min
Lab File: BG019964.D
Acq: 6 Dec 2015 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	26.1	7.0	47.0	
105	18.8	1.4	41.4	
51	28.3	4.9	44.9	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2493

Delta R.T. -0.02 min

Lab File: BG019964.D

Acq: 6 Dec 2015 13:11

Instrument :

BNA_G

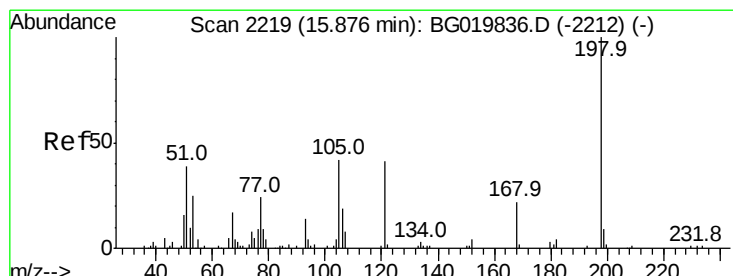
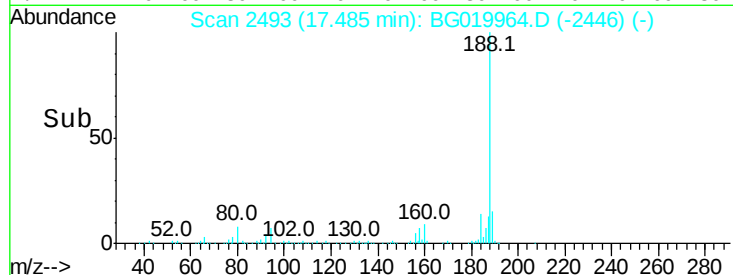
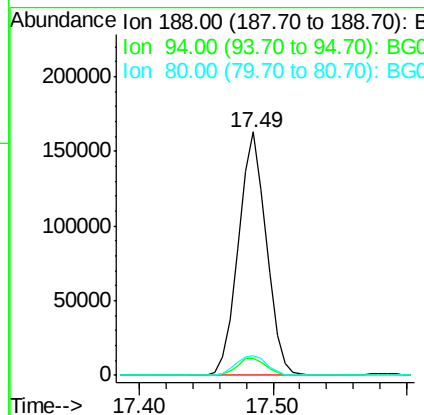
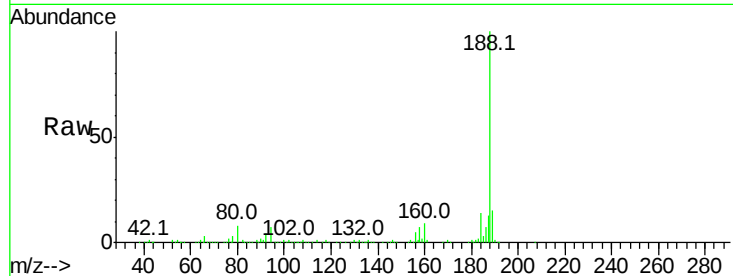
ClientSampleId :

COFF(0-2)-2MSD

Tot Ion:	188	Resp:	235566
Ion Ratio	Lower	Upper	
188	100		
94	7.0	7.7	11.5#
80	8.0	7.8	11.8

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#64

4,6-Dinitro-2-methylphenol

Concen: 42.86 ng

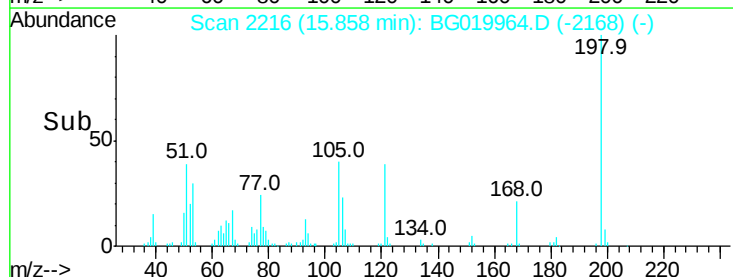
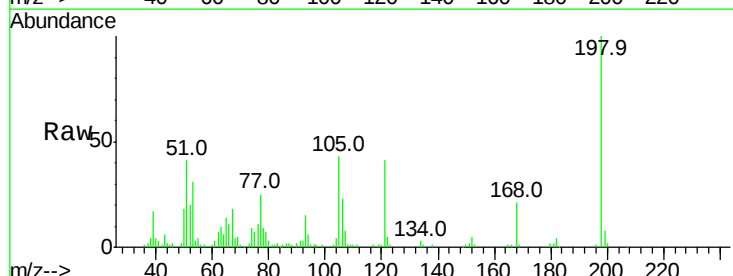
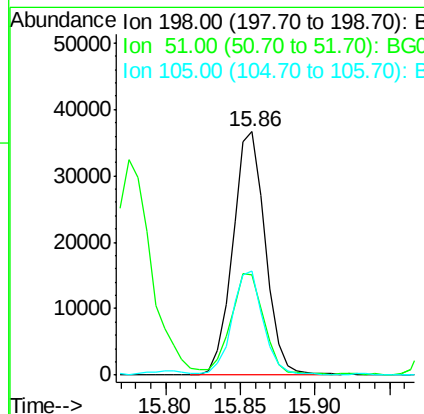
RT: 15.86 min Scan# 2216

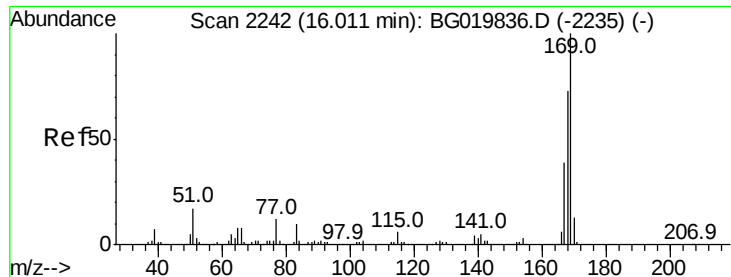
Delta R.T. -0.02 min

Lab File: BG019964.D

Acq: 6 Dec 2015 13:11

Tgt Ion:	198	Resp:	55736
Ion Ratio	Lower	Upper	
198	100		
51	41.2	14.2	54.2
105	42.6	21.1	61.1





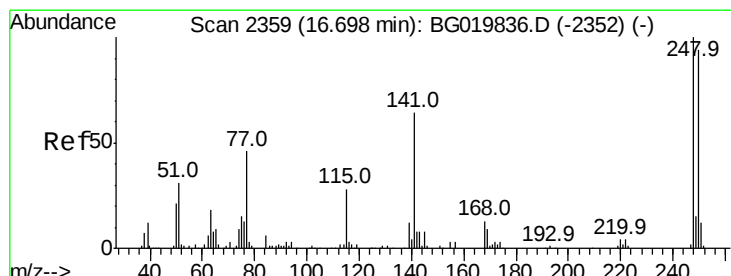
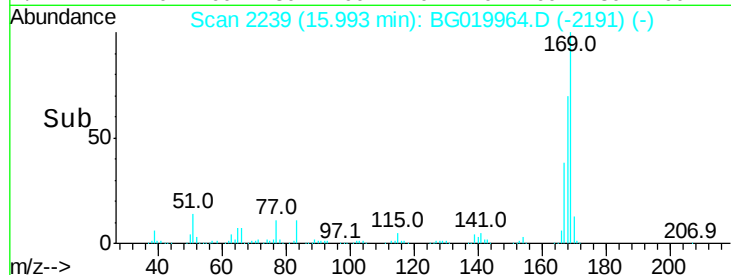
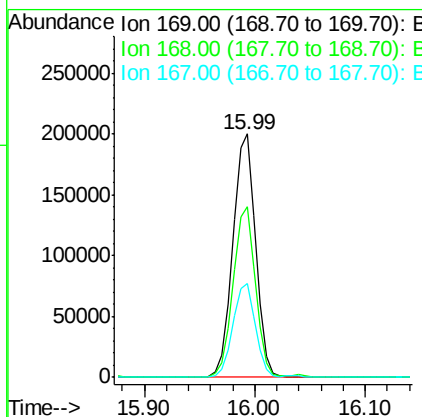
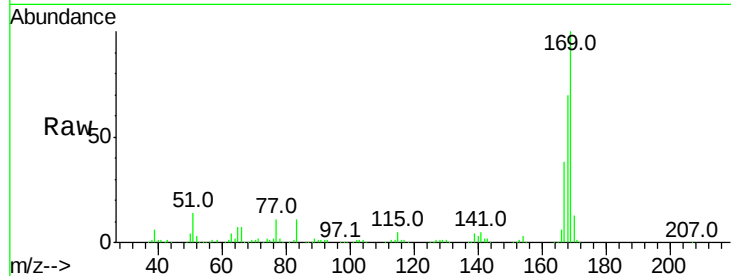
#65
 n-Nitrosodiphenylamine
 Concen: 42.35 ng
 RT: 15.99 min Scan# 2239
 Delta R.T. -0.02 min
 Lab File: BG019964.D
 Acq: 6 Dec 2015 13:11

Instrument :
 BNA_G
 ClientSampleId :
 COFF(0-2)-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	288718		
168	70.3		58.2	87.2
167	38.3		32.7	49.1

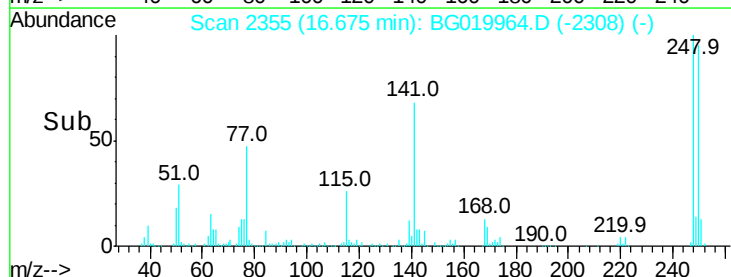
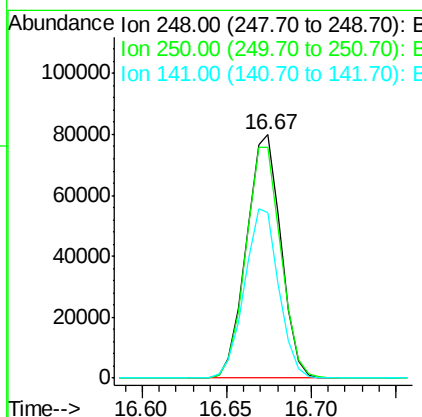
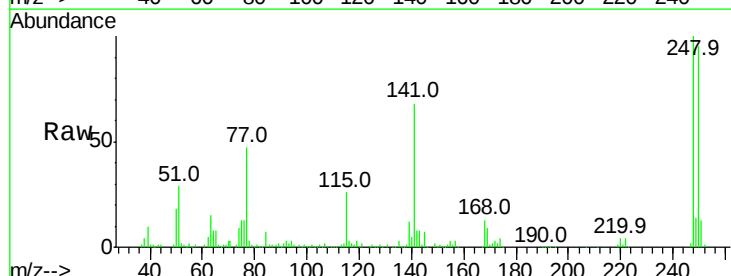
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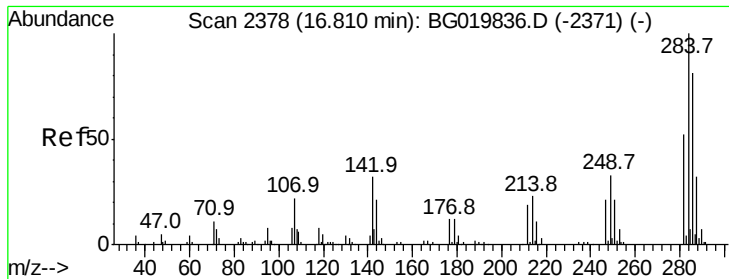
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 12/7/2015 6:32:23 PM



#66
 4-Bromophenyl-phenylether
 Concen: 38.66 ng
 RT: 16.67 min Scan# 2355
 Delta R.T. -0.02 min
 Lab File: BG019964.D
 Acq: 6 Dec 2015 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	113156		
250	94.8		77.8	116.8
141	68.2		50.4	75.6





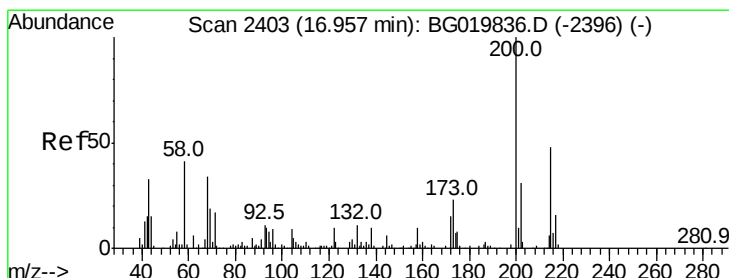
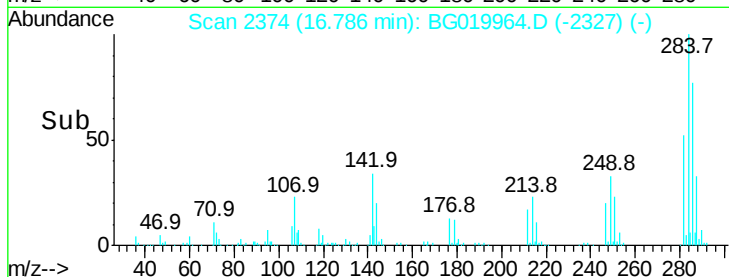
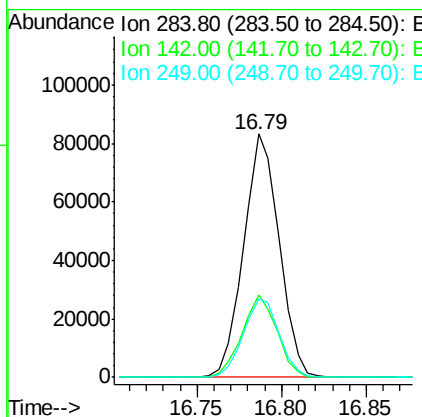
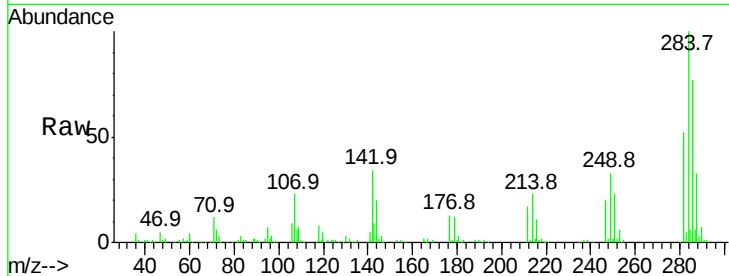
#67
Hexachlorobenzene
Concen: 39.89 ng
RT: 16.79 min Scan# 2374
Delta R.T. -0.02 min
Lab File: BG019964.D
Acq: 6 Dec 2015 13:11

Instrument :
BNA_G
ClientSampleId :
COFF(0-2)-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	33.7	26.6	39.8	
249	32.5	26.2	39.2	

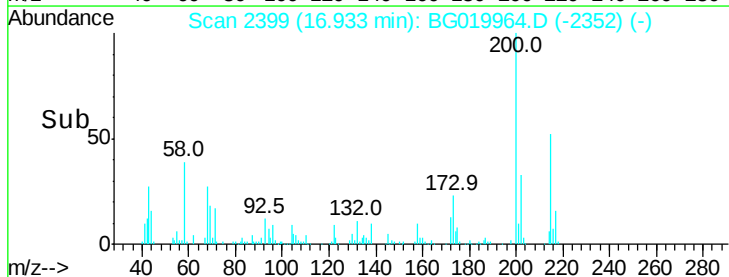
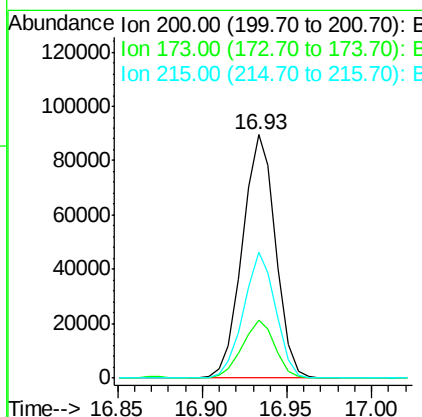
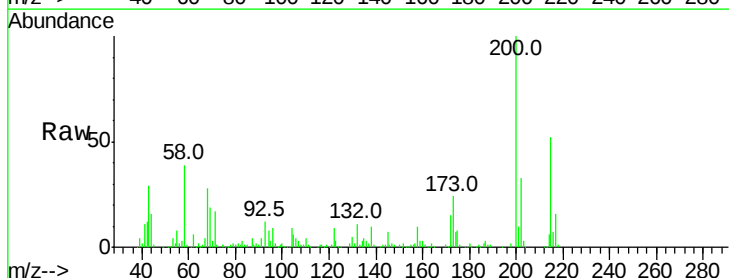
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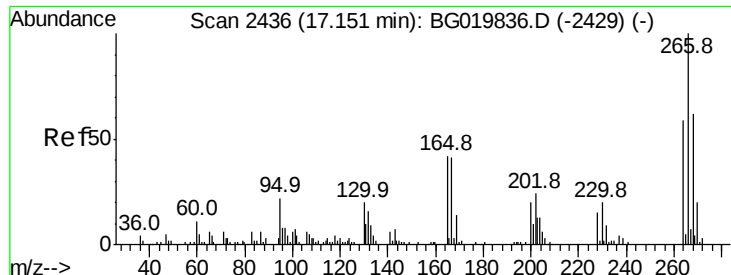
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#68
Atrazine
Concen: 41.23 ng
RT: 16.93 min Scan# 2399
Delta R.T. -0.02 min
Lab File: BG019964.D
Acq: 6 Dec 2015 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	23.9	5.2	45.2	
215	51.6	27.0	67.0	





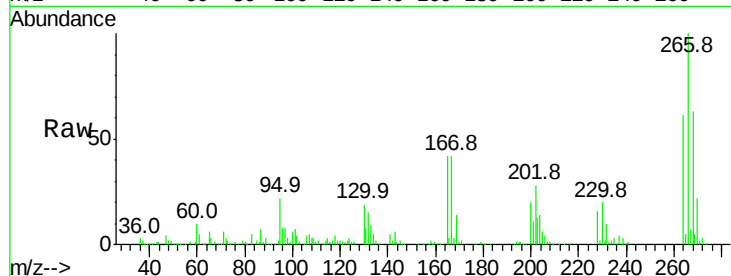
#69
 Pentachlorophenol
 Concen: 86.72 ng
 RT: 17.13 min Scan# 2433
 Delta R.T. -0.02 min
 Lab File: BG019964.D
 Acq: 6 Dec 2015 13:11

Instrument :
 BNA_G
 ClientSampleId :
 COFF(0-2)-2MSD

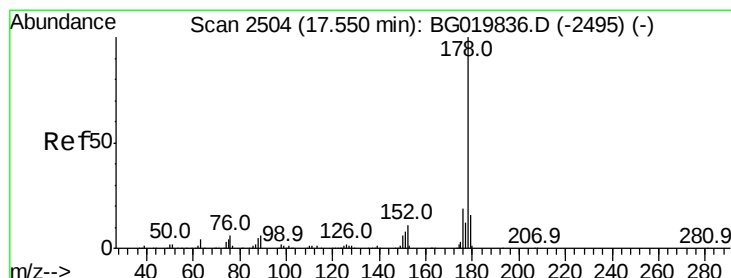
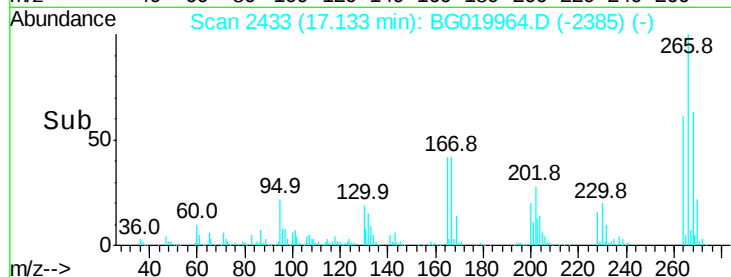
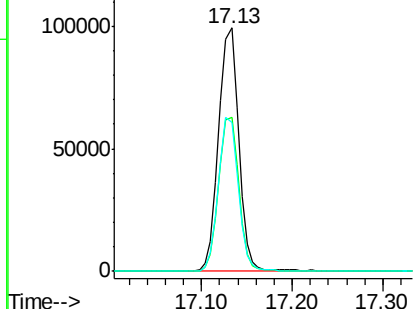
Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	63.3	47.6	71.4	
264	61.4	48.1	72.1	

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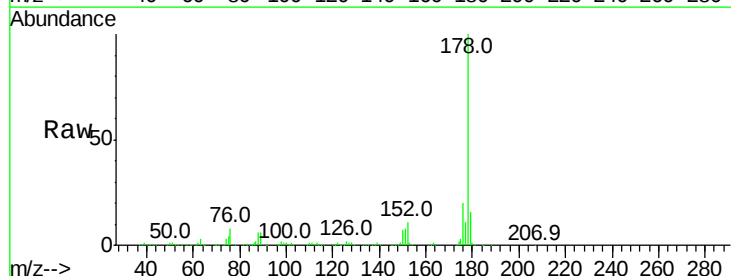


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

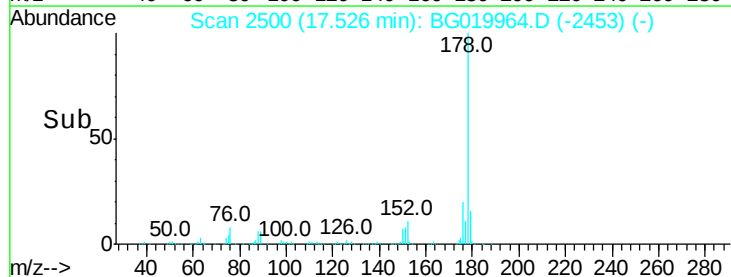
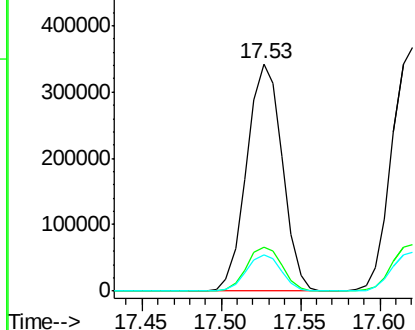


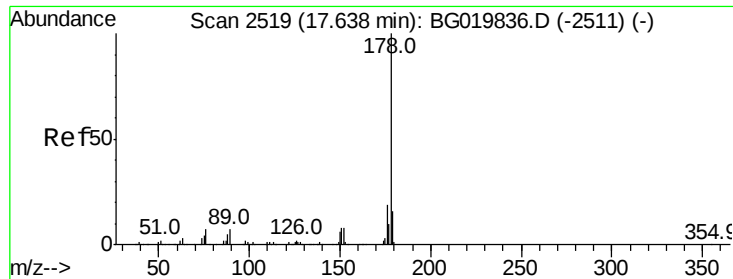
#70
 Phenanthrene
 Concen: 40.17 ng
 RT: 17.53 min Scan# 2500
 Delta R.T. -0.02 min
 Lab File: BG019964.D
 Acq: 6 Dec 2015 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.6	16.7	25.1	
179	15.8	13.9	20.9	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





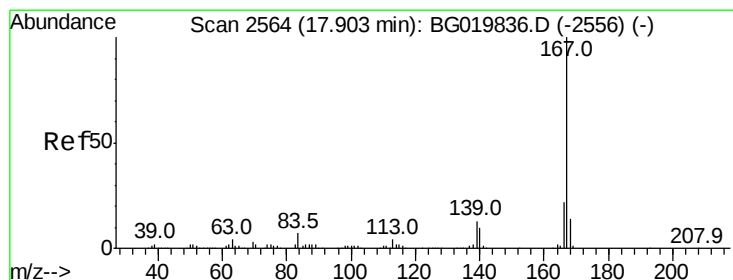
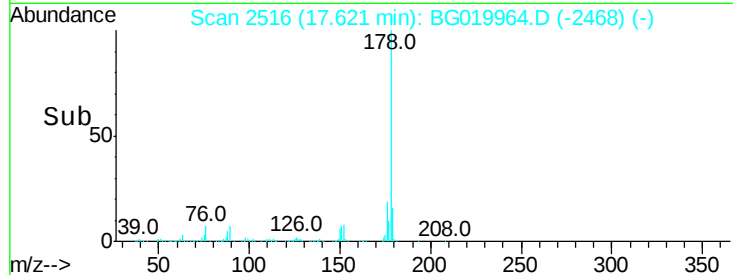
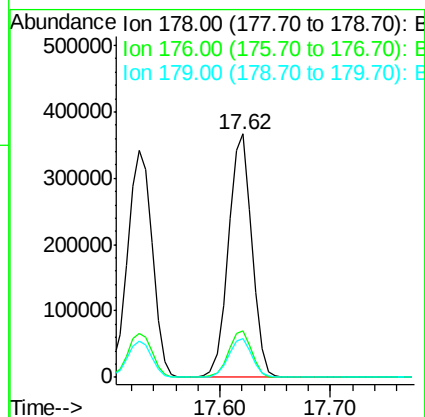
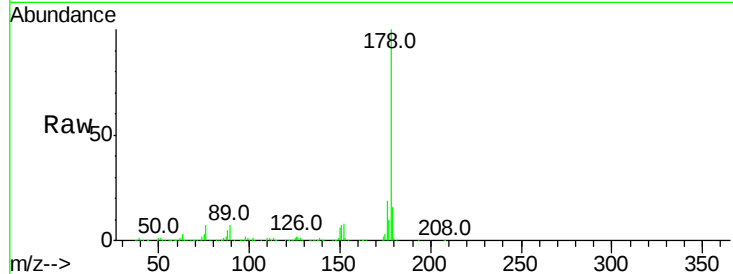
#71
 Anthracene
 Concen: 40.16 ng
 RT: 17.62 min Scan# 2516
 Delta R.T. -0.02 min
 Lab File: BG019964.D
 Acq: 6 Dec 2015 13:11

Instrument :
 BNA_G
 ClientSampleId :
 COFF(0-2)-2MSD

Tot Ion:	178	Resp:	545192
Ion Ratio	Lower	Upper	
178	100		
176	19.0	16.8	25.2
179	16.1	13.9	20.9

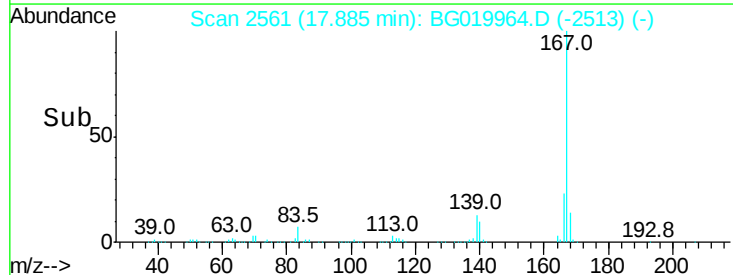
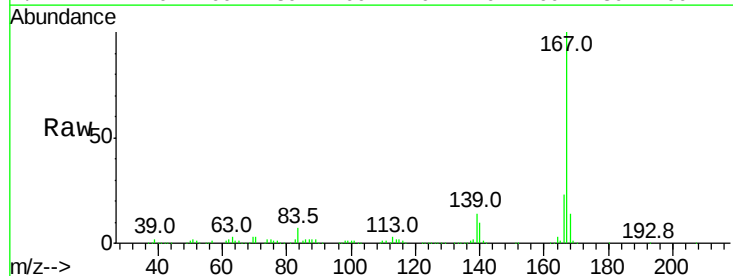
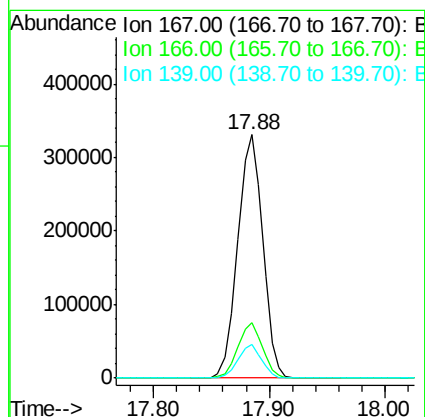
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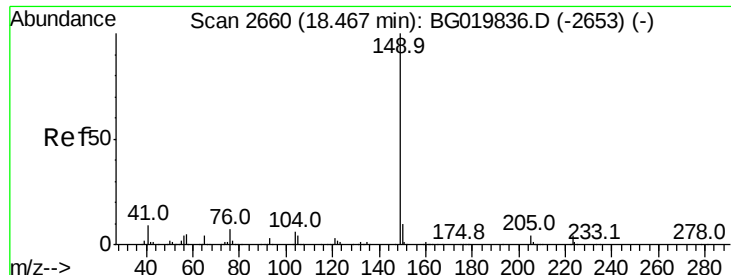
Mmdadoda
 12/7/2015 6:32:23 PM



#72
 Carbazole
 Concen: 41.54 ng
 RT: 17.88 min Scan# 2561
 Delta R.T. -0.02 min
 Lab File: BG019964.D
 Acq: 6 Dec 2015 13:11

Tgt Ion:	167	Resp:	496754
Ion Ratio	Lower	Upper	
167	100		
166	22.8	19.0	28.6
139	13.9	10.2	15.4





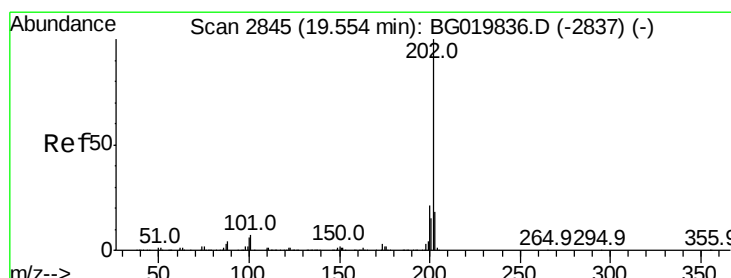
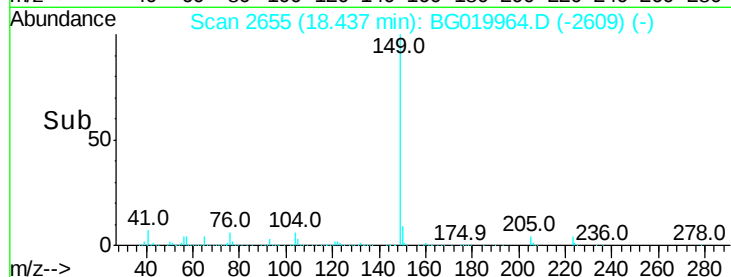
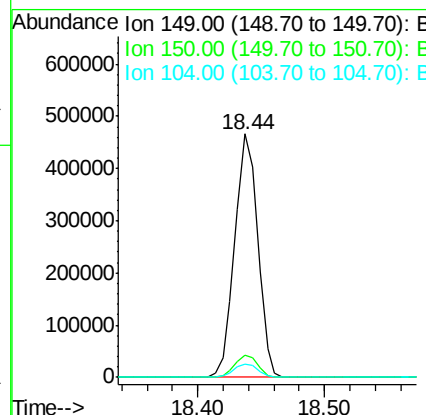
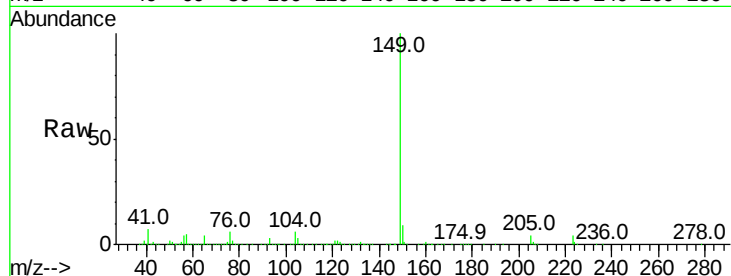
#73
Di-n-butylphthalate
Concen: 39.68 ng
RT: 18.44 min Scan# 2655
Delta R.T. -0.03 min
Lab File: BG019964.D
Acq: 6 Dec 2015 13:11

Instrument :
BNA_G
ClientSampleId :
COFF(0-2)-2MSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.2	8.2	12.4
104	5.7	4.4	6.6

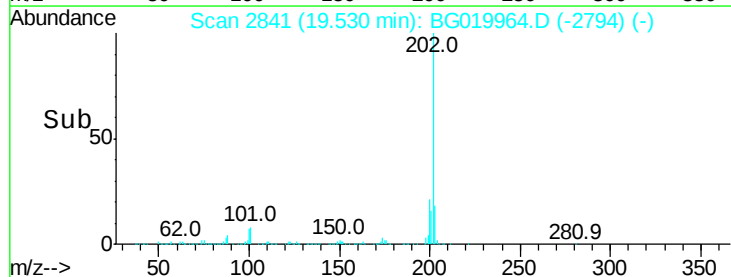
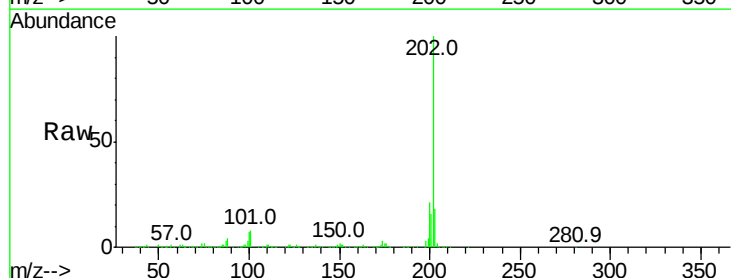
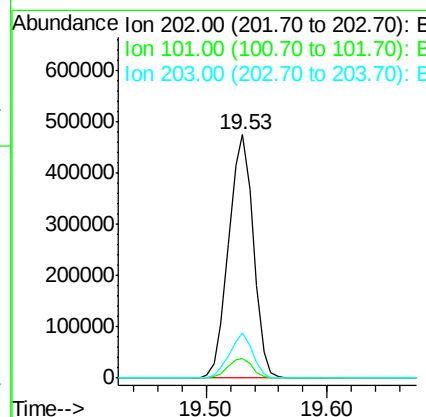
Manual Integrations
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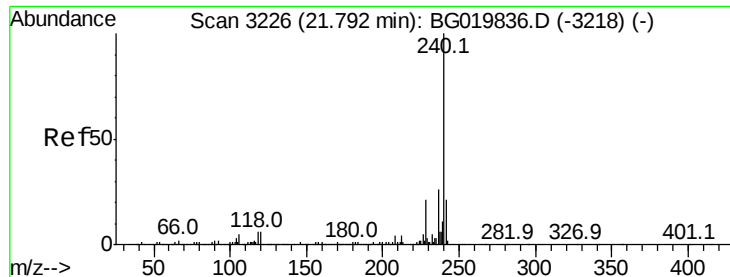
Mmdadoda
12/7/2015 6:32:23 PM



#74
Fluoranthene
Concen: 39.32 ng
RT: 19.53 min Scan# 2841
Delta R.T. -0.02 min
Lab File: BG019964.D
Acq: 6 Dec 2015 13:11

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	8.1	0.0	32.4
203	18.5	0.0	39.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3220

Delta R.T. -0.04 min

Lab File: BG019964.D

Acq: 6 Dec 2015 13:11

Instrument :

BNA_G

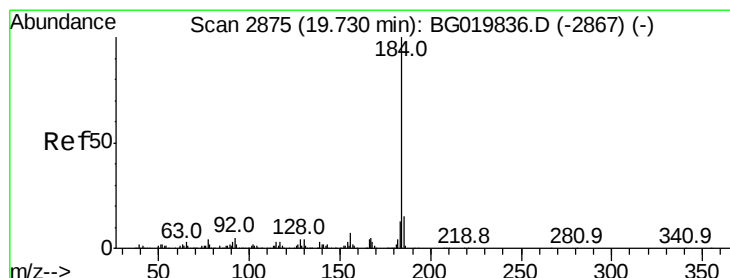
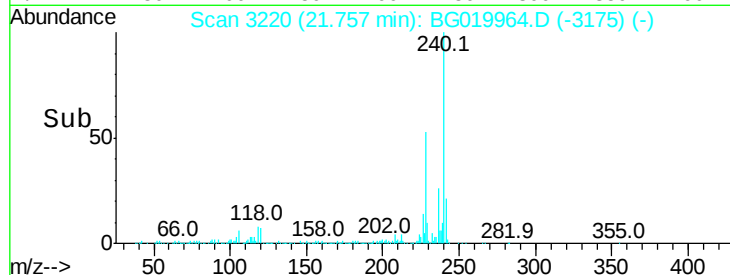
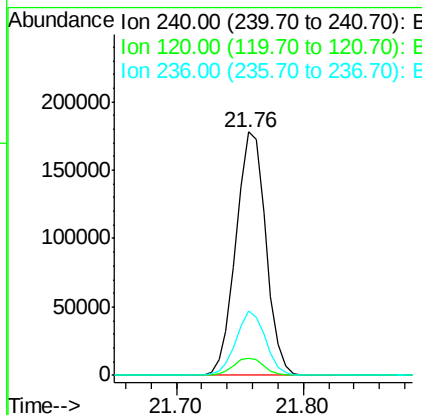
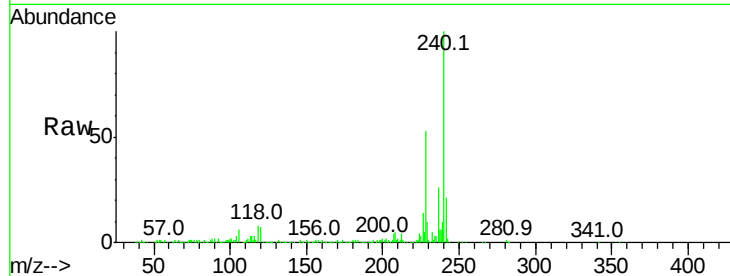
ClientSampleId :

COFF(0-2)-2MSD

Tot Ion:	240	Resp:	290139
Ion Ratio	Lower	Upper	
240	100		
120	7.0	7.4	11.0#
236	26.3	20.7	31.1

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#76

Benzidine

Concen: 13.74 ng

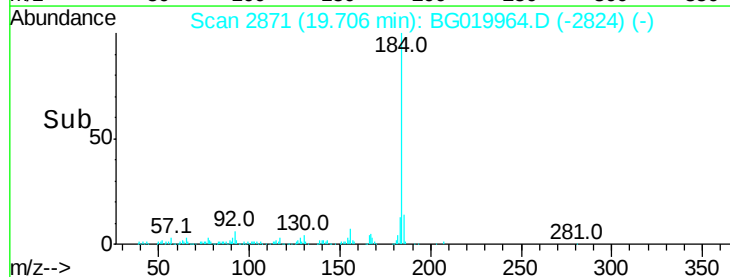
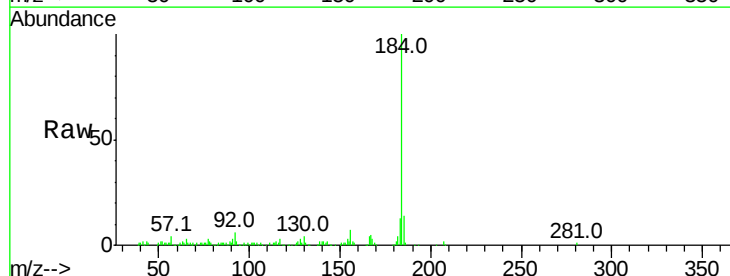
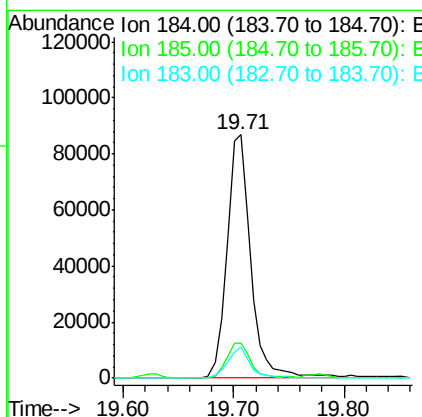
RT: 19.71 min Scan# 2871

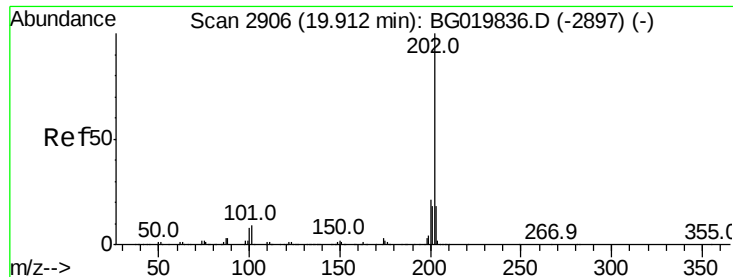
Delta R.T. -0.02 min

Lab File: BG019964.D

Acq: 6 Dec 2015 13:11

Tgt Ion:	184	Resp:	130934
Ion Ratio	Lower	Upper	
184	100		
185	14.2	13.4	20.2
183	12.5	10.1	15.1





#77

Pvrene

Concen: 39.73 ng

RT: 19.89 min Scan# 2902

Delta R.T. -0.02 min

Lab File: BG019964.D

Acq: 6 Dec 2015 13:11

Instrument :

BNA_G

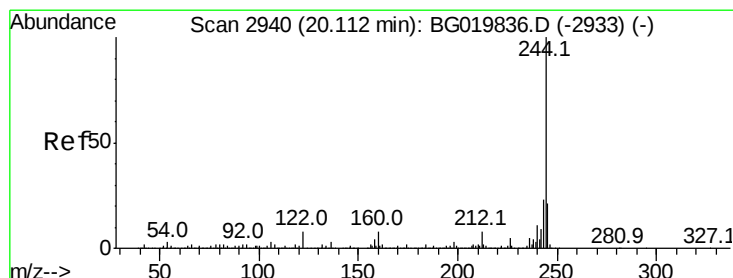
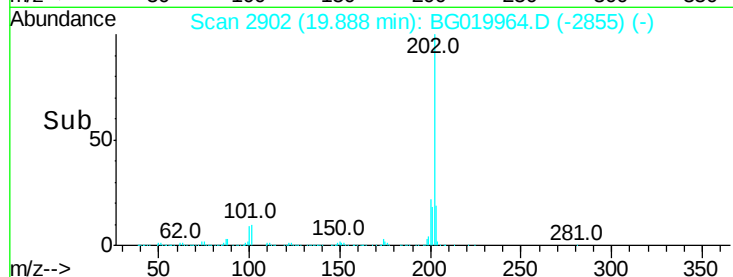
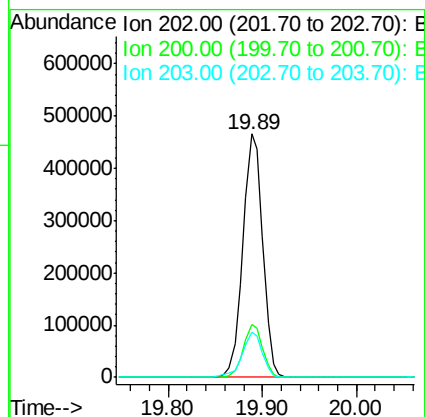
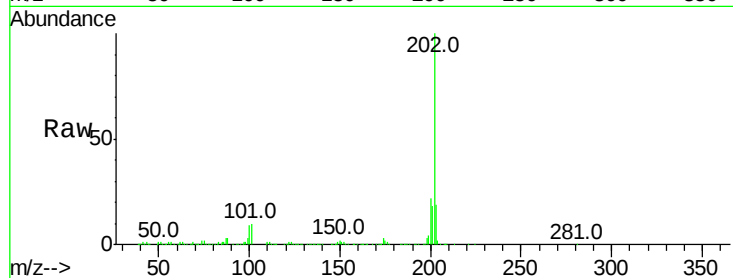
ClientSampleId :

COFF(0-2)-2MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.8	19.4	29.0
203	18.6	15.5	23.3

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#78

Terphenyl-d14

Concen: 68.91 ng

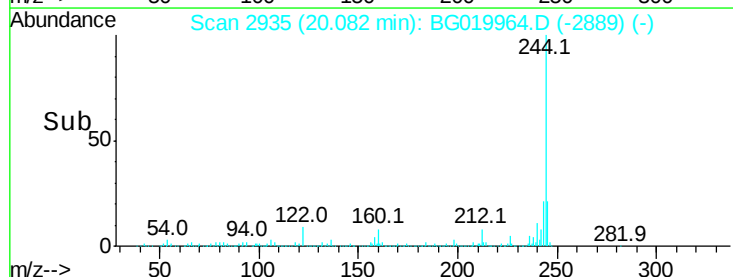
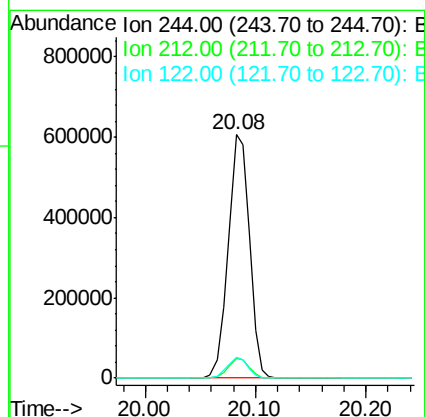
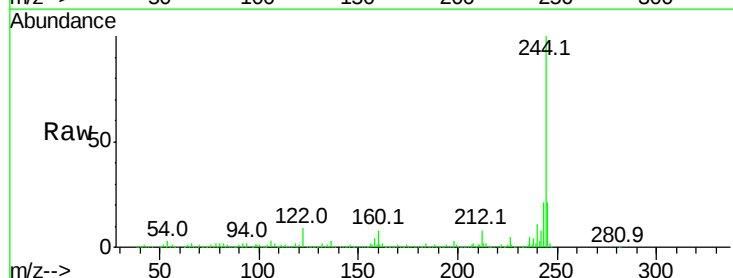
RT: 20.08 min Scan# 2935

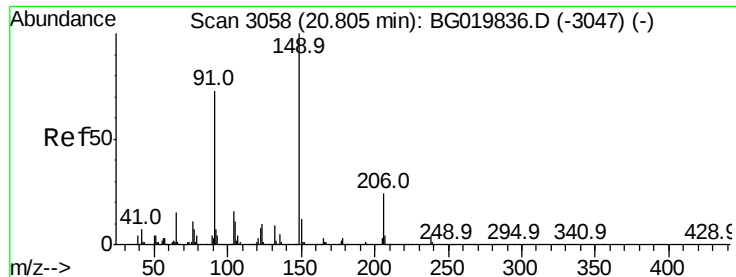
Delta R.T. -0.03 min

Lab File: BG019964.D

Acq: 6 Dec 2015 13:11

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.3	6.9	10.3
122	8.6	10.2	15.2#





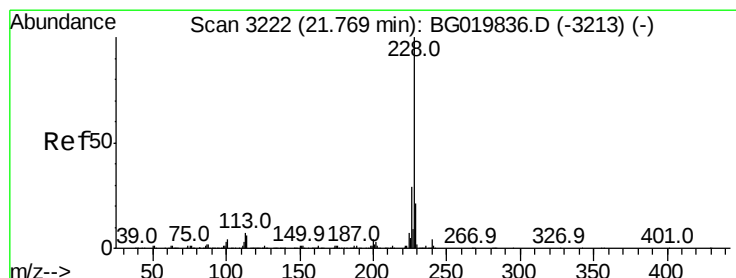
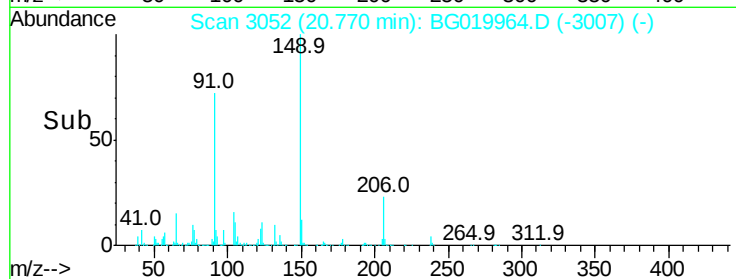
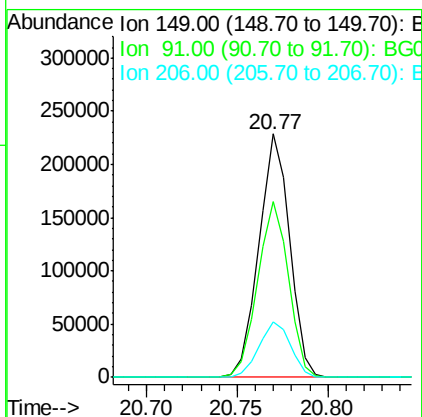
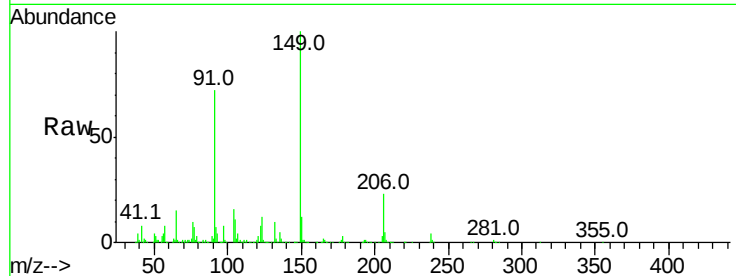
#79
Butylbenzylphthalate
Concen: 40.25 ng
RT: 20.77 min Scan# 3052
Delta R.T. -0.04 min
Lab File: BG019964.D
Acq: 6 Dec 2015 13:11

Instrument :
BNA_G
ClientSampleId :
COFF(0-2)-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	269299		
91	72.4	58.1	87.1	
206	22.9	17.8	26.8	

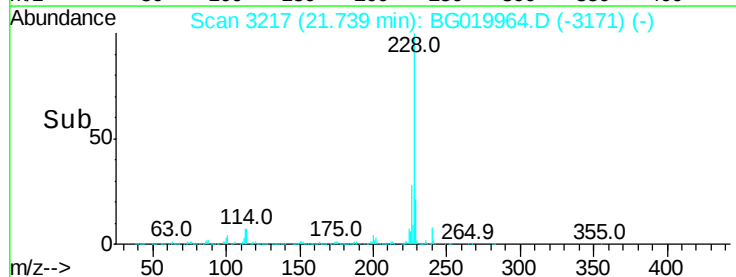
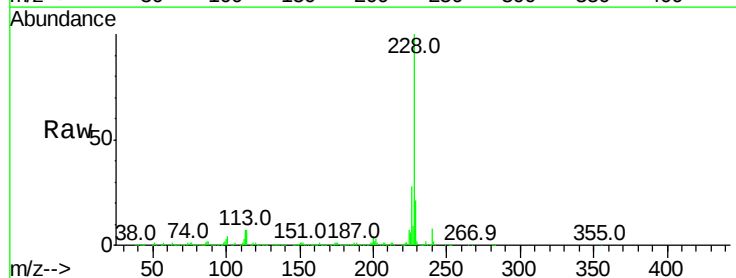
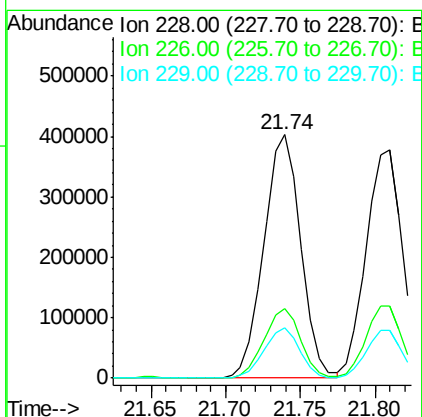
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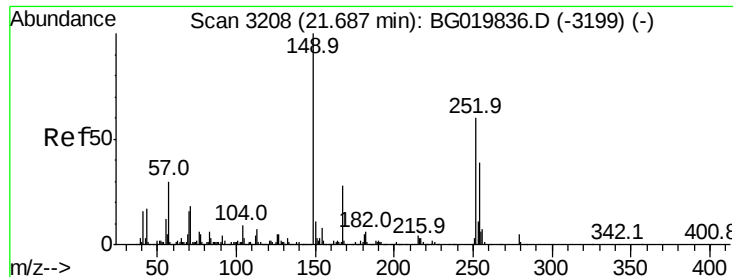
Mmdadoda
12/7/2015 6:32:23 PM



#80
Benzo(a)anthracene
Concen: 38.87 ng
RT: 21.74 min Scan# 3217
Delta R.T. -0.03 min
Lab File: BG019964.D
Acq: 6 Dec 2015 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	690419		
226	28.4	23.4	35.0	
229	20.9	16.6	25.0	





#81

3,3'-Dichlorobenzidine

Concen: 24.39 ng

RT: 21.65 min Scan# 3202

Delta R.T. -0.04 min

Lab File: BG019964.D

Acq: 6 Dec 2015 13:11

Instrument :

BNA_G

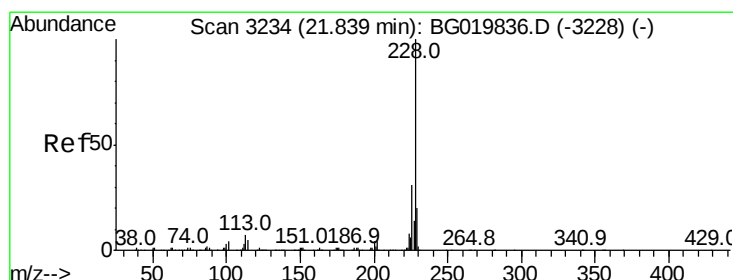
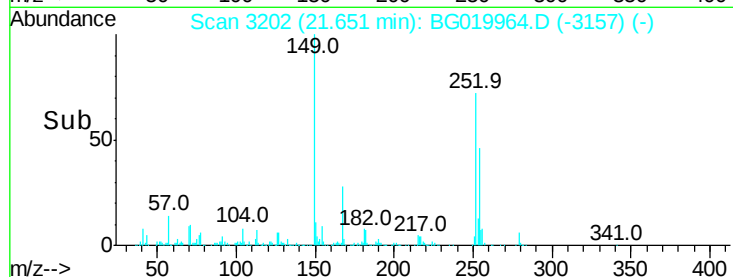
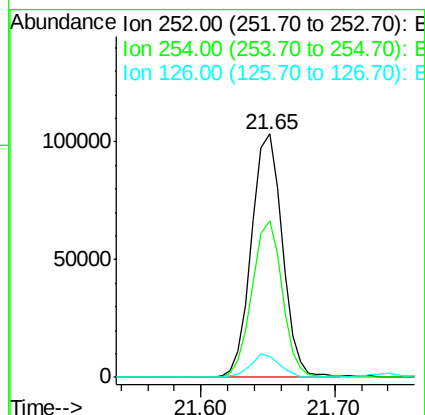
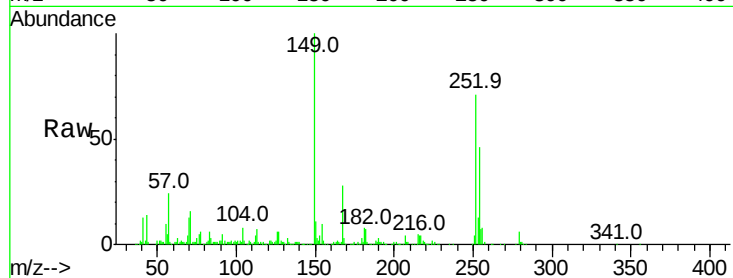
ClientSampleId :

COFF(0-2)-2MSD

Tot Ion:	252	Resp:	164940
Ion Ratio	Lower	Upper	
252	100		
254	64.4	52.5	78.7
126	8.8	8.5	12.7

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#82

Chrysene

Concen: 37.32 ng

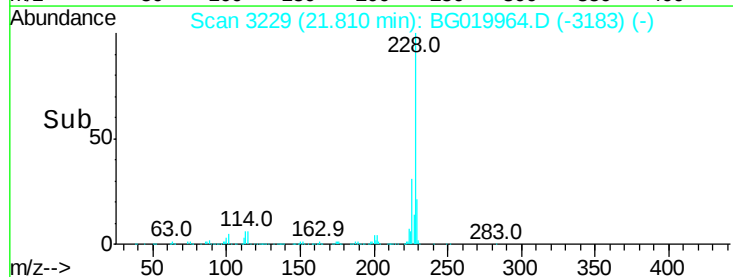
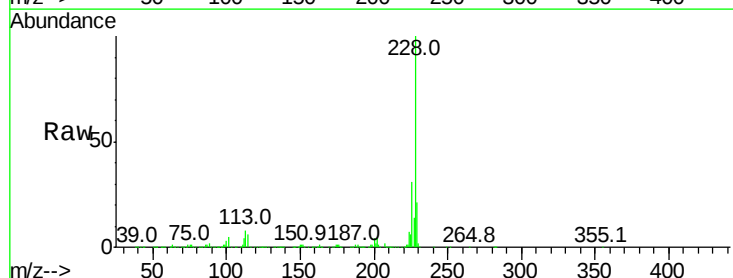
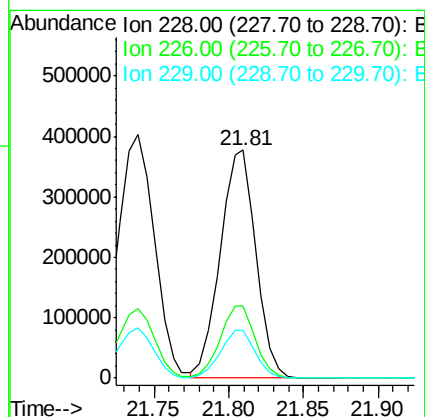
RT: 21.81 min Scan# 3229

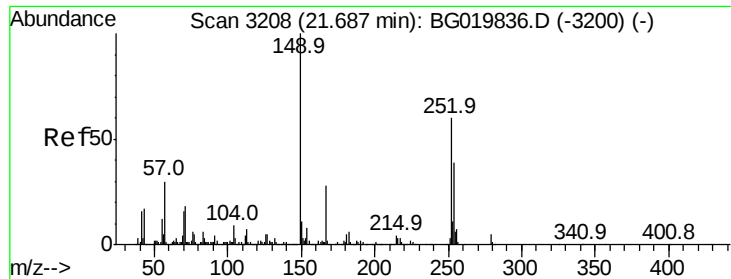
Delta R.T. -0.03 min

Lab File: BG019964.D

Acq: 6 Dec 2015 13:11

Tgt Ion:	228	Resp:	629373
Ion Ratio	Lower	Upper	
228	100		
226	31.5	26.7	40.1
229	21.1	17.0	25.6





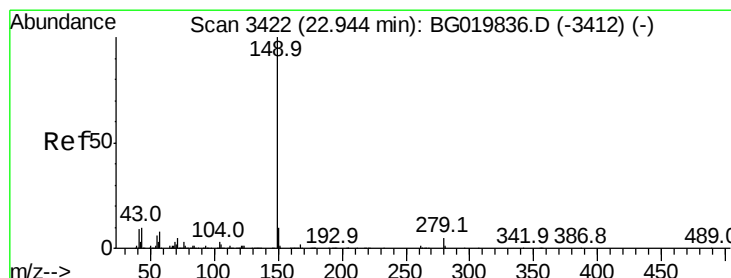
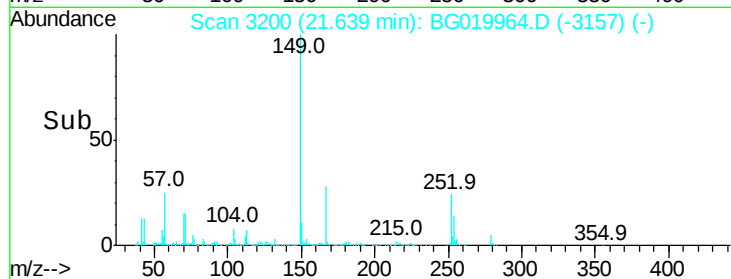
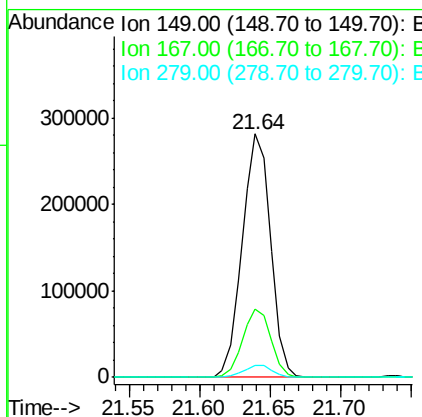
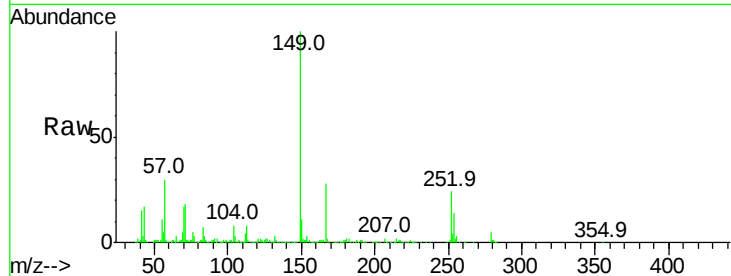
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.15 ng
 RT: 21.64 min Scan# 3200
 Delta R.T. -0.05 min
 Lab File: BG019964.D
 Acq: 6 Dec 2015 13:11

Instrument :
 BNA_G
 ClientSampleId :
 COFF(0-2)-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	394237		
167	28.0	23.8	35.8	
279	5.1	3.4	5.2	

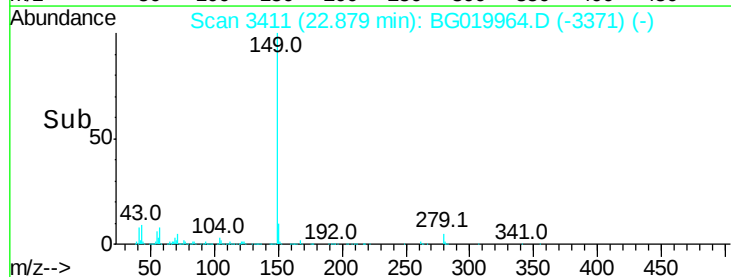
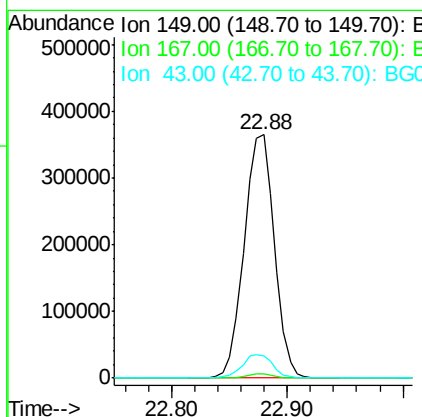
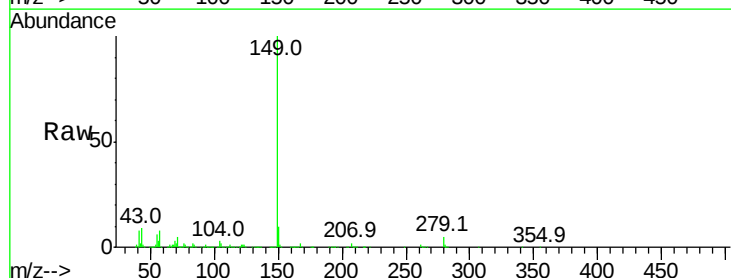
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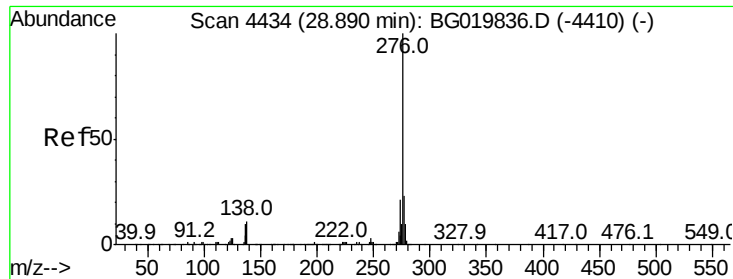
Mmdadoda
 12/7/2015 6:32:23 PM



#84
 Di-n-octyl phthalate
 Concen: 41.46 ng
 RT: 22.88 min Scan# 3411
 Delta R.T. -0.06 min
 Lab File: BG019964.D
 Acq: 6 Dec 2015 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	661774		
167	1.7	1.2	1.8	
43	9.7	5.9	8.9	





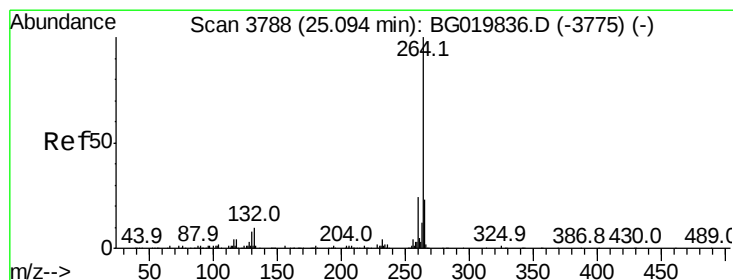
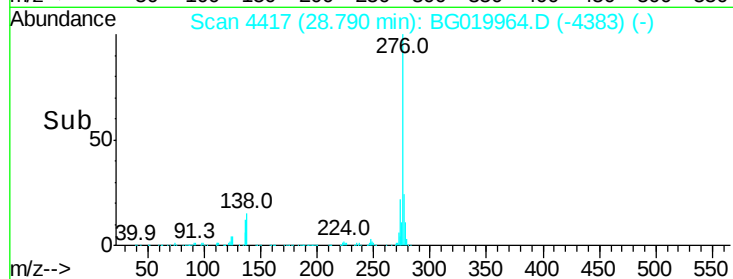
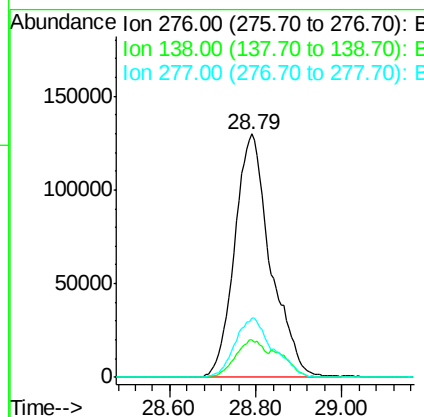
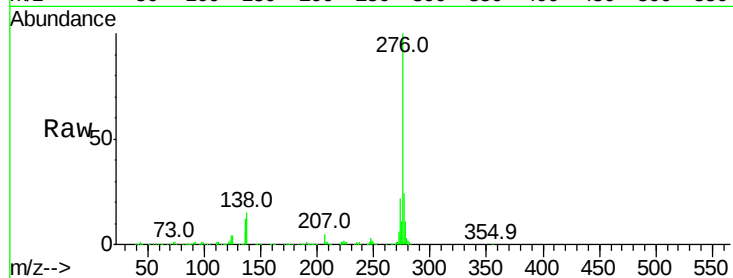
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.59 ng
RT: 28.79 min Scan# 4417
Delta R.T. -0.10 min
Lab File: BG019964.D
Acq: 6 Dec 2015 13:11

Instrument :
BNA_G
ClientSampleId :
COFF(0-2)-2MSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	12.6	0.0	0.0#
277	25.7	0.0	0.0#

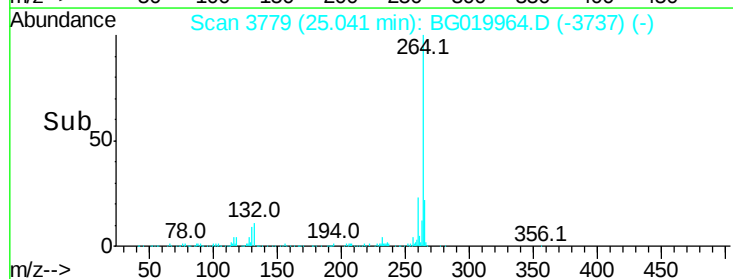
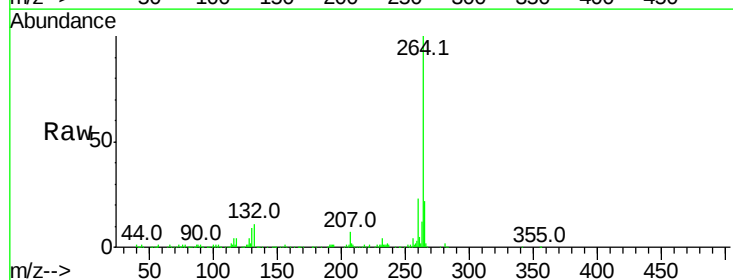
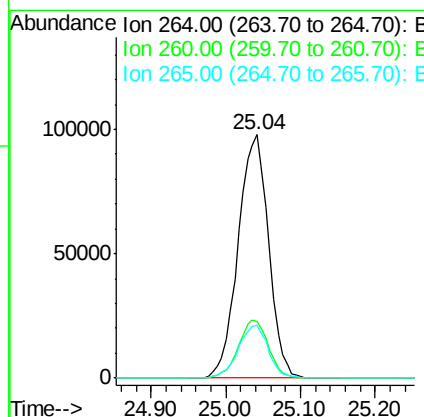
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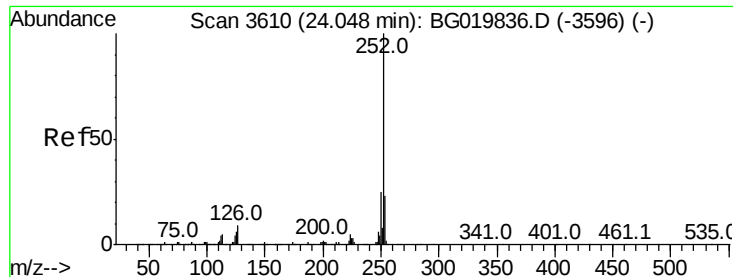
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.04 min Scan# 3779
Delta R.T. -0.05 min
Lab File: BG019964.D
Acq: 6 Dec 2015 13:11

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.5	18.5	27.7
265	21.8	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 38.28 ng

RT: 24.00 min Scan# 3601

Delta R.T. -0.05 min

Lab File: BG019964.D

Acq: 6 Dec 2015 13:11

Instrument :

BNA_G

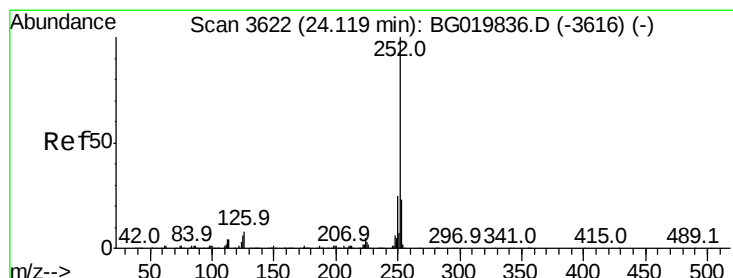
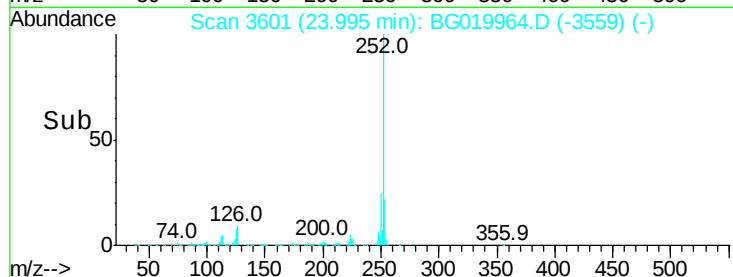
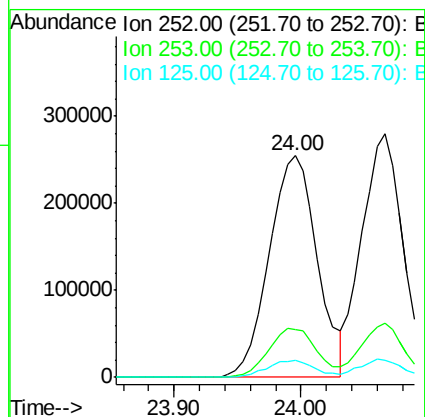
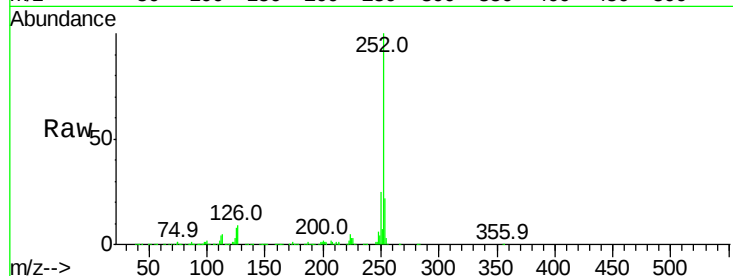
ClientSampleId :

COFF(0-2)-2MSD

Tot Ion:	252	Resp:	670949
Ion Ratio	Lower	Upper	
252	100		
253	21.7	19.1	28.7
125	7.6	8.9	13.3#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 36.28 ng

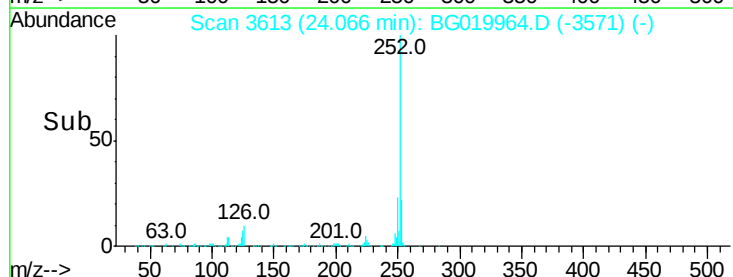
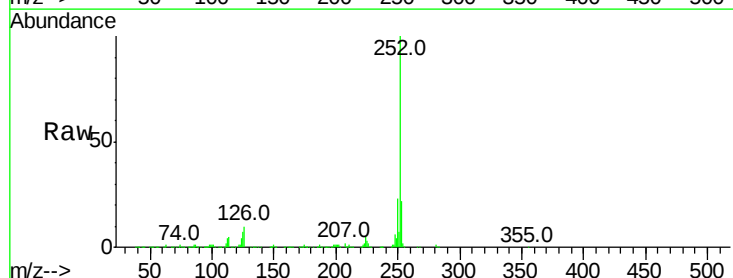
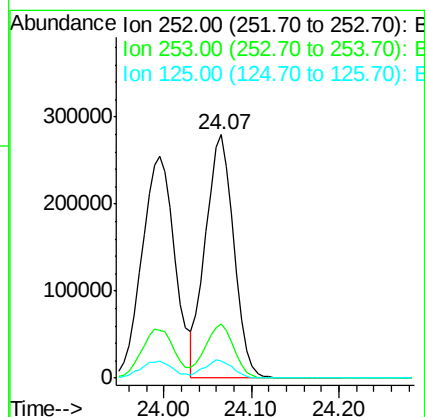
RT: 24.07 min Scan# 3613

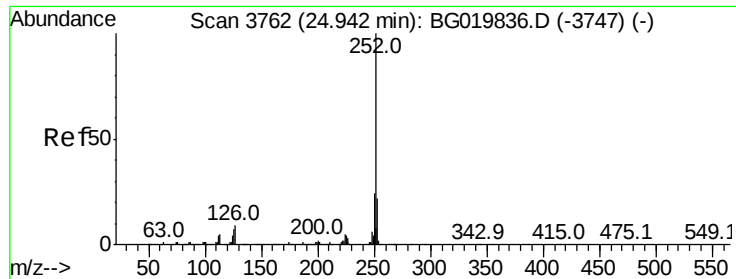
Delta R.T. -0.05 min

Lab File: BG019964.D

Acq: 6 Dec 2015 13:11

Tgt Ion:	252	Resp:	629899
Ion Ratio	Lower	Upper	
252	100		
253	22.0	19.0	28.4
125	7.3	8.9	13.3#





#89

Benzo(a)pyrene

Concen: 38.28 ng

RT: 24.89 min Scan# 3753

Delta R.T. -0.05 min

Lab File: BG019964.D

Acq: 6 Dec 2015 13:11

Instrument :

BNA_G

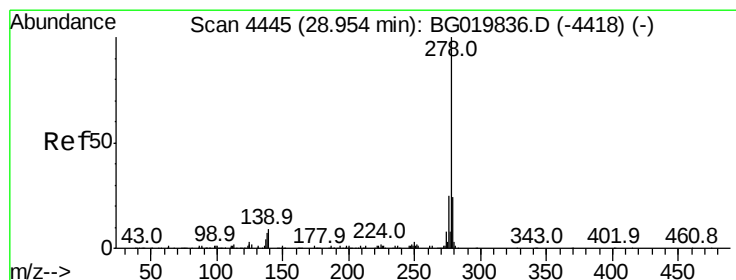
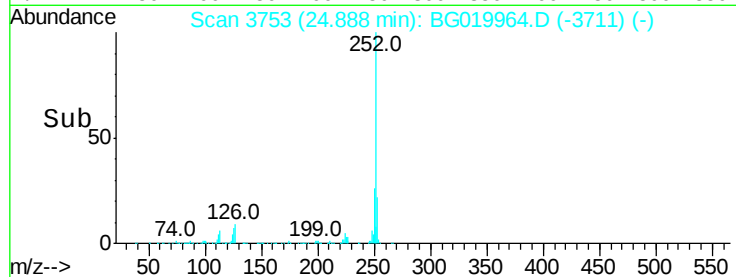
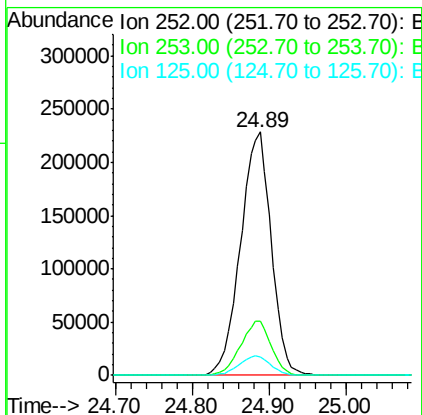
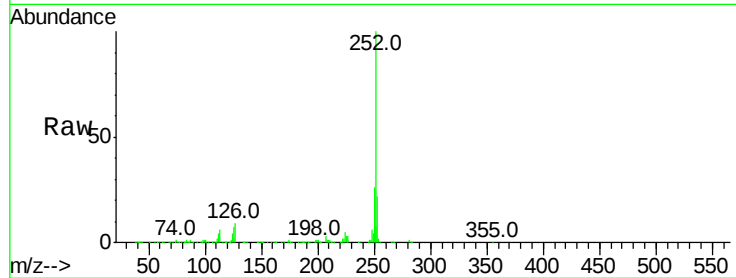
ClientSampleId :

COFF(0-2)-2MSD

Tot Ion:	252	Resp:	636981
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.7	28.1
125	7.3	9.1	13.7#

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:32:23 PM



#90

Dibenzo(a,h)anthracene

Concen: 38.15 ng

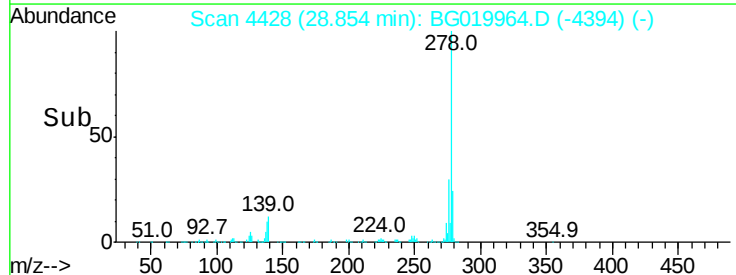
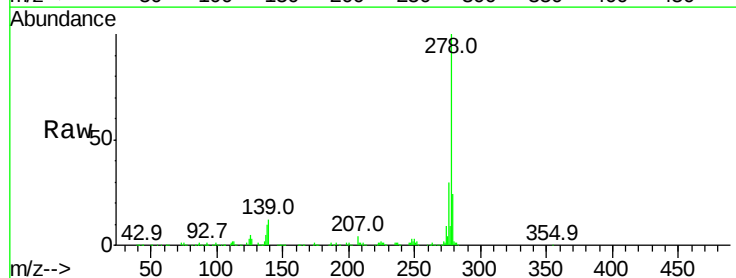
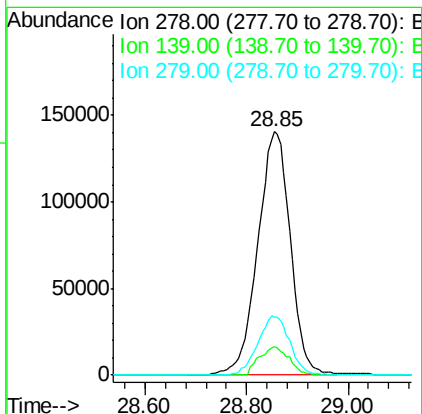
RT: 28.85 min Scan# 4428

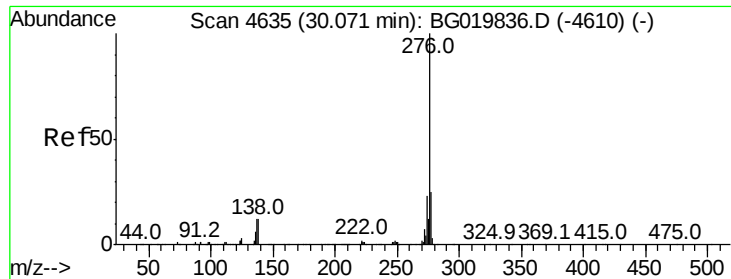
Delta R.T. -0.10 min

Lab File: BG019964.D

Acq: 6 Dec 2015 13:11

Tgt Ion:	278	Resp:	627189
Ion Ratio	Lower	Upper	
278	100		
139	11.6	13.8	20.6#
279	23.6	19.4	29.0





#91
 Benzo(a,h,i)perylene
 Concen: 37.26 ng
 RT: 29.96 min Scan# 4616
 Delta R.T. -0.11 min
 Lab File: BG019964.D
 Acq: 6 Dec 2015 13:11

Instrument :
 BNA_G
 ClientSampleId :
 COFF(0-2)-2MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.4	27.6
138	16.1	17.4	26.0

Manual Integrations
 APPROVED

Mmdadoda
 12/7/2015 6:32:23 PM

