

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
 Data File : BG022419.D
 Acq On : 18 Jun 2016 12:00
 Operator : UM/SJ
 Sample : PB91233BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 PB91233BS

Manual Integrations
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Quant Time: Jun 20 01:57:41 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	22184	20.00	ng	-0.05
21) Naphthalene-d8	10.86	136	119306	20.00	ng	-0.04
38) Acenaphthene-d10	14.68	164	72740	20.00	ng	-0.04
63) Phenanthrene-d10	17.43	188	170904	20.00	ng	-0.04
75) Chrysene-d12	21.69	240	152359	20.00	ng	-0.05
86) Perylene-d12	24.93	264	137923	20.00	ng	-0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	158157	137.84	ng	-0.03
7) Phenol-d6	7.23	99	238589	132.26	ng	-0.02
23) Nitrobenzene-d5	9.22	82	125505	73.34	ng	-0.04
41) 2,4,6-Tribromophenol	16.17	330	78357	95.33	ng	-0.04
44) 2-Fluorobiphenyl	13.30	172	334408	70.06	ng	-0.04
78) Terphenyl-d14	20.02	244	470916	73.38	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	15499	28.17	ng	# 73
3) Pyridine	3.82	79	44068	29.64	ng	93
4) n-Nitrosodimethylamine	3.74	42	13975	42.04	ng	77
6) Aniline	7.37	93	55610	24.26	ng	# 83
8) 2-Chlorophenol	7.61	128	65760	41.47	ng	# 79
10) Phenol	7.26	94	79218	42.59	ng	84
11) bis(2-Chloroethyl)ether	7.46	93	56271	37.95	ng	# 74
12) 1,3-Dichlorobenzene	7.93	146	58956	34.68	ng	# 90
13) 1,4-Dichlorobenzene	8.08	146	61233	36.15	ng	96
14) 1,2-Dichlorobenzene	8.40	146	61653	36.11	ng	95
15) Benzyl Alcohol	8.30	79	44244	37.96	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.57	45	66520	43.23	ng	82
17) 2-Methylphenol	8.51	107	56058	40.39	ng	# 86
18) Hexachloroethane	9.12	117	23641	38.23	ng	# 79
19) n-Nitroso-di-n-propylamine	8.85	70	45523	37.28	ng	# 73
20) 3+4-Methylphenols	8.84	107	75229	37.79	ng	98
22) Acetophenone	8.87	105	88002	34.23	ng	# 83
24) Nitrobenzene	9.26	77	62869	36.53	ng	92
25) Isophorone	9.78	82	138354	34.56	ng	95
26) 2-Nitrophenol	9.98	139	33823	36.25	ng	# 78
27) 2,4-Dimethylphenol	10.04	122	65235	38.62	ng	91
28) bis(2-Chloroethoxy)methane	10.26	93	81153	35.38	ng	93
29) 2,4-Dichlorophenol	10.53	162	59444	37.99	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	58496	33.46	ng	94
31) Naphthalene	10.91	128	206160	34.62	ng	# 97
32) Benzoic acid	10.20	122	21903	40.92	ng	# 81
33) 4-Chloroaniline	11.04	127	29489	11.91	ng	# 90
34) Hexachlorobutadiene	11.18	225	30354	32.34	ng	96
35) Caprolactam	11.80	113	27225m	31.72	ng	
36) 4-Chloro-3-methylphenol	12.17	107	70380	37.95	ng	# 83
37) 2-Methylnaphthalene	12.51	142	148688	33.82	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	60649	32.39	ng	# 96
40) Hexachlorocyclopentadiene	12.85	237	33650	38.13	ng	96
42) 2,4,6-Trichlorophenol	13.13	196	44975	35.80	ng	97

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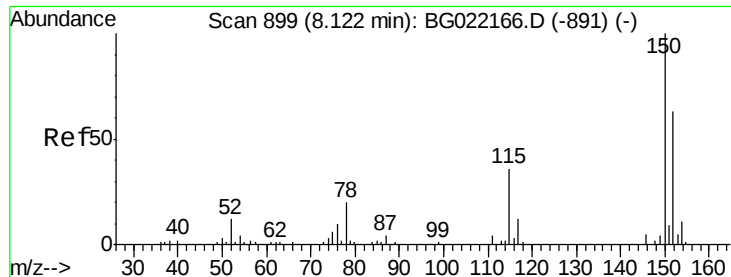
Manual Integrations
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Quant Time: Jun 20 01:57:41 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.22	196	47332	34.11	nq	97
45) 1,1'-Biphenyl	13.51	154	196738	35.94	nq	95
46) 2-Chloronaphthalene	13.56	162	152514	36.34	nq	96
47) 2-Nitroaniline	13.78	65	40721	40.70	nq	# 66
48) Acenaphthylene	14.41	152	265255	36.03	nq	96
49) Dimethylphthalate	14.13	163	207945	34.48	nq	98
50) 2,6-Dinitrotoluene	14.26	165	46941	35.80	nq	# 80
51) Acenaphthene	14.75	154	155784	35.32	nq	91
52) 3-Nitroaniline	14.61	138	27548	18.94	nq	# 87
53) 2,4-Dinitrophenol	14.82	184	29409	58.35	nq	# 80
54) Dibenzofuran	15.08	168	245656	35.68	nq	99
55) 4-Nitrophenol	14.96	139	54004	53.81	nq	# 73
56) 2,4-Dinitrotoluene	15.06	165	65245	37.10	nq	# 86
57) Fluorene	15.73	166	207202	34.94	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.32	232	38398	30.85	nq	95
59) Diethylphthalate	15.49	149	227913	35.38	nq	99
60) 4-Chlorophenyl-phenylether	15.71	204	94246	35.09	nq	99
61) 4-Nitroaniline	15.77	138	39647m	25.71	nq	
62) Azobenzene	16.01	77	194898	39.95	nq	88
64) 4,6-Dinitro-2-methylphenol	15.83	198	28344	34.45	nq	83
65) n-Nitrosodiphenylamine	15.93	169	179062	36.37	nq	99
66) 4-Bromophenyl-phenylether	16.61	248	54355	33.94	nq	98
67) Hexachlorobenzene	16.73	284	58767	31.49	nq	98
68) Atrazine	16.87	200	60778	33.35	nq	96
69) Pentachlorophenol	17.09	266	37308	47.13	nq	97
70) Phenanthrene	17.47	178	328103	35.35	nq	99
71) Anthracene	17.56	178	331339	35.99	nq	98
72) Carbazole	17.84	167	300782	34.50	nq	99
73) Di-n-butylphthalate	18.37	149	424513	37.24	nq	99
74) Fluoranthene	19.47	202	370904	34.76	nq	95
76) Benzidine	19.67	184	73817	18.53	nq	97
77) Pyrene	19.83	202	367121	38.76	nq	98
79) Butylbenzylphthalate	20.70	149	182910	41.64	nq	# 94
80) Benzo(a)anthracene	21.67	228	306499	35.88	nq	100
81) 3,3'-Dichlorobenzidine	21.59	252	48288	20.13	nq	# 95
82) Chrysene	21.74	228	297863	35.83	nq	99
83) Bis(2-ethylhexyl)phthalate	21.54	149	262486	40.63	nq	# 95
84) Di-n-octyl phthalate	22.75	149	444559	41.45	nq	# 87
85) Indeno(1,2,3-cd)pyrene	28.65	276	321276	34.45	nq	# 83
87) Benzo(b)fluoranthene	23.89	252	296245	36.83	nq	# 96
88) Benzo(k)fluoranthene	23.96	252	291620	36.83	nq	# 95
89) Benzo(a)pyrene	24.78	252	293610	38.17	nq	# 93
90) Dibenzo(a,h)anthracene	28.70	278	260464	35.96	nq	# 91
91) Benzo(g,h,i)perylene	29.80	276	269038	35.70	nq	# 91

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



#1

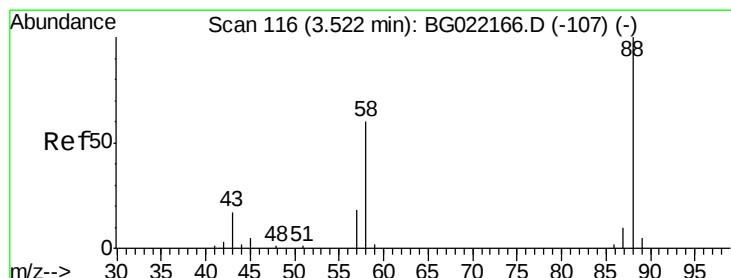
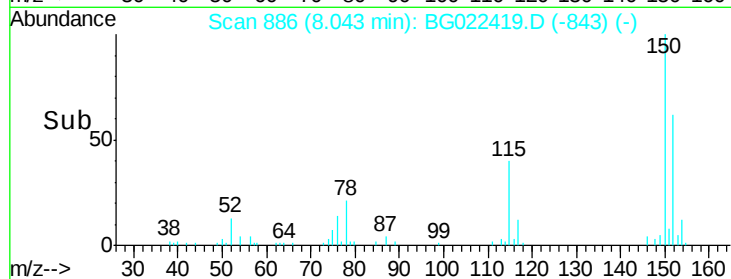
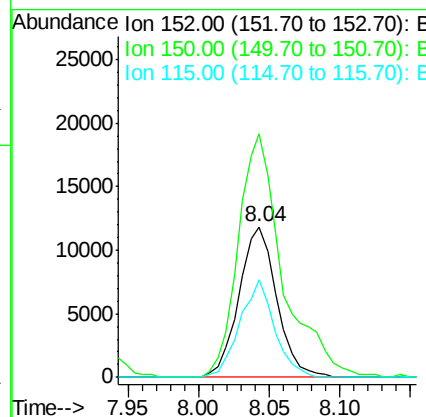
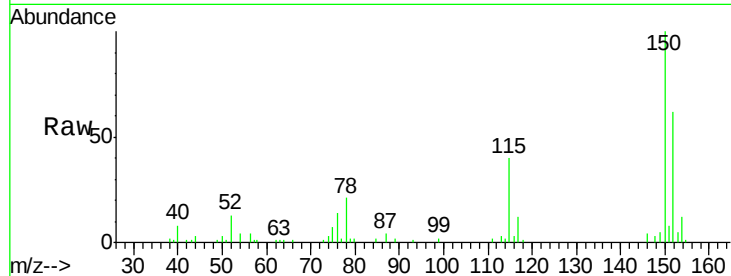
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 886
Delta R.T. -0.05 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Instrument :
BNA_G
ClientSampleId :
PB91233BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.4	130.1	195.1
115	64.7	62.2	93.2

Manual Integrations
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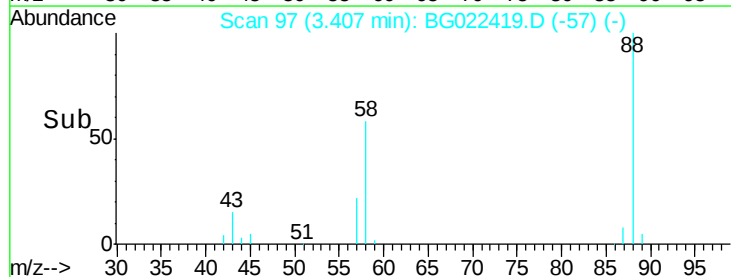
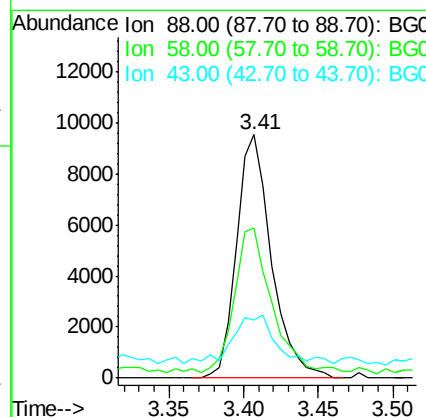
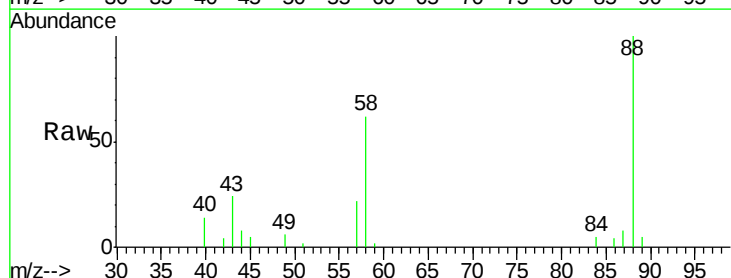
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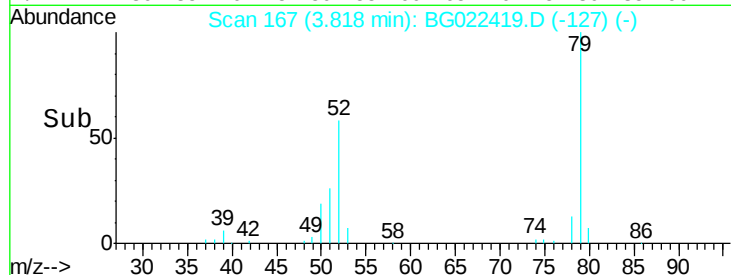
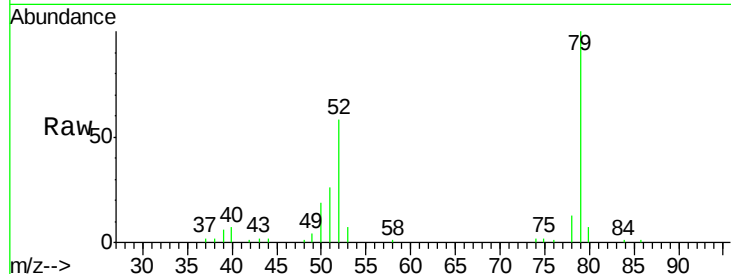
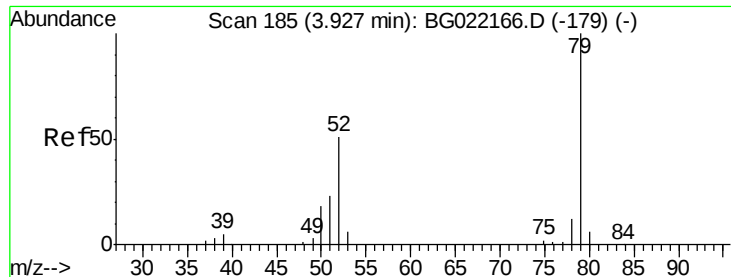


#2

1,4-Dioxane
Concen: 28.17 ng
RT: 3.41 min Scan# 97
Delta R.T. -0.07 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.6	36.8	55.2#
43	24.9	10.4	15.6#





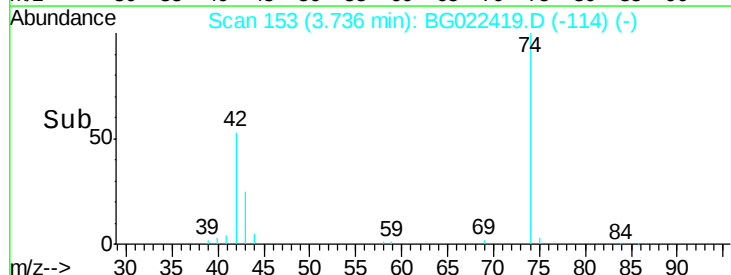
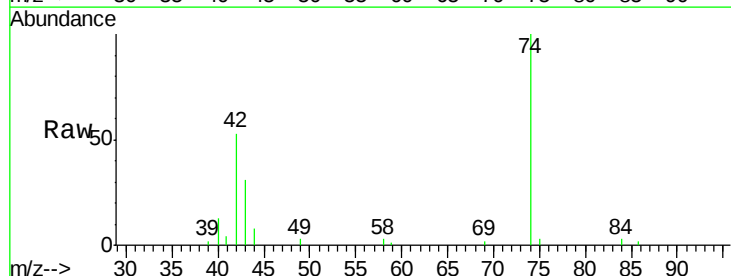
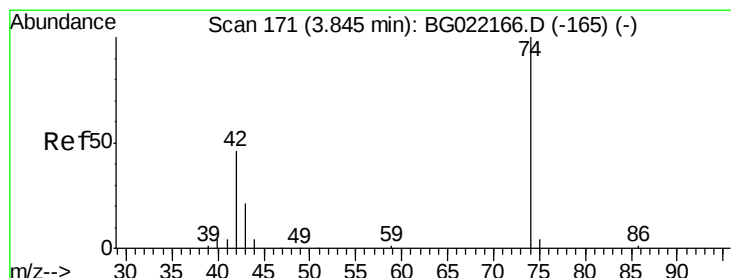
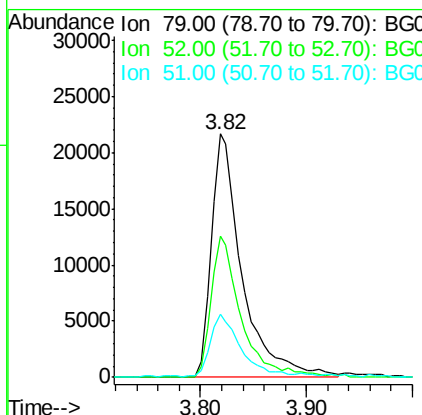
#3
 Pvridine
 Concen: 29.64 ng
 RT: 3.82 min Scan# 167
 Delta R.T. -0.07 min
 Lab File: BG022419.D
 Acq: 18 Jun 2016 12:00

Tot Ion:	79	Resp:	44068
Ion	Ratio	Lower	Upper
79	100		
52	57.8	41.6	62.4
51	26.0	19.2	28.8

Instrument :
 BNA_G
 ClientSampled :
 PB91233BS

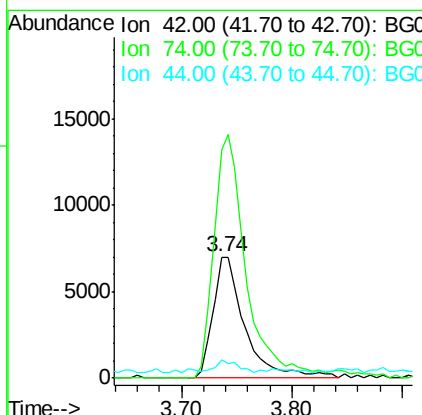
Manual Integrations
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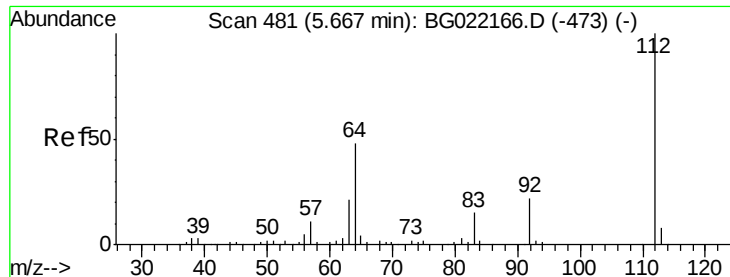
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#4
 n-Nitrosodimethylamine
 Concen: 42.04 ng
 RT: 3.74 min Scan# 153
 Delta R.T. -0.07 min
 Lab File: BG022419.D
 Acq: 18 Jun 2016 12:00

Tgt Ion:	42	Resp:	13975
Ion	Ratio	Lower	Upper
42	100		
74	189.3	184.0	276.0
44	15.4	11.0	16.6





#5

2-Fluorophenol

Concen: 137.84 ng

RT: 5.60 min Scan# 471

Delta R.T. -0.03 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

Instrument :

BNA_G

ClientSampled :

PB91233BS

Tot Ion: 112 Resp: 158157
Ion Ratio Lower Upper

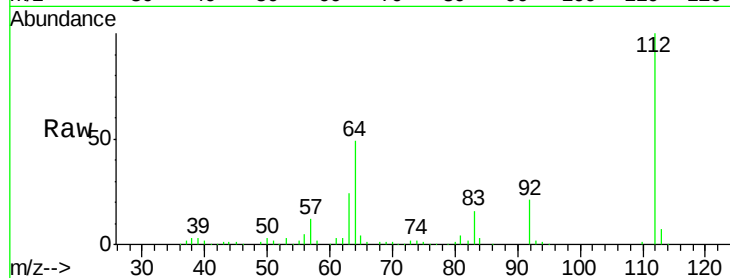
112 100

64 49.0 51.1 76.7#

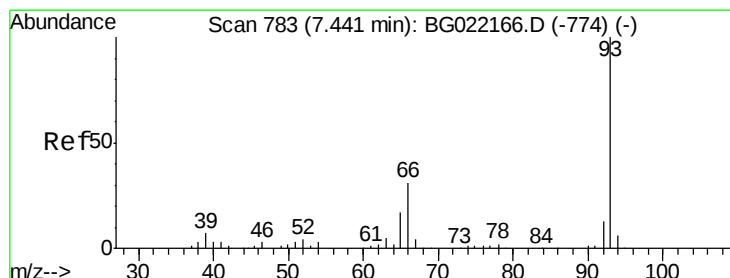
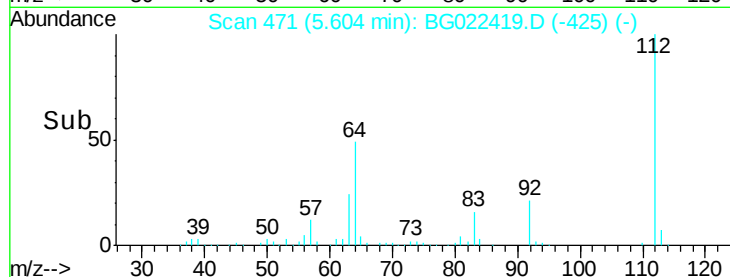
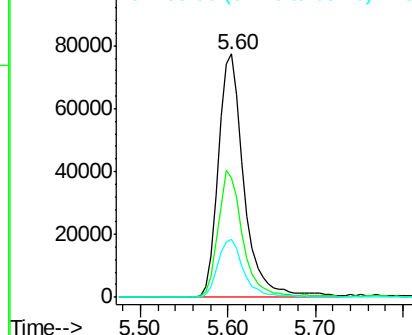
63 23.9 24.6 37.0#

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 24.26 ng

RT: 7.37 min Scan# 771

Delta R.T. -0.04 min

Lab File: BG022419.D

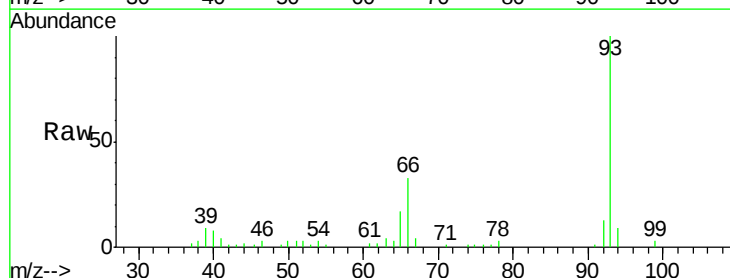
Acq: 18 Jun 2016 12:00

Tgt Ion: 93 Resp: 55610
Ion Ratio Lower Upper

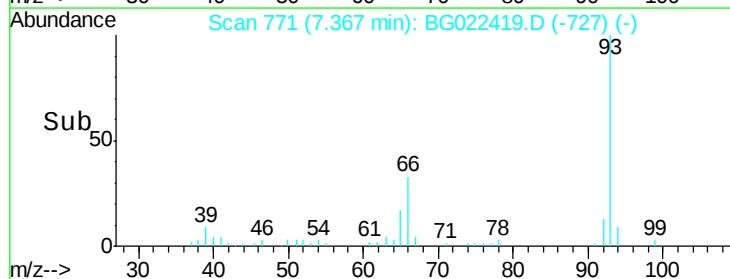
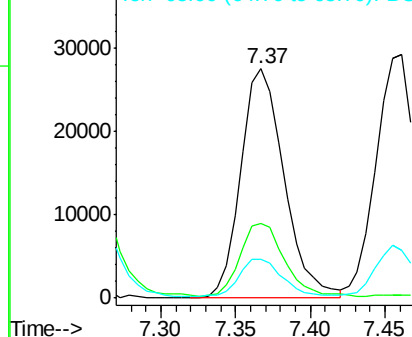
93 100

66 32.8 36.3 54.5#

65 17.0 18.4 27.6#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 132.26 ng

RT: 7.23 min Scan# 748

Delta R.T. -0.02 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

Instrument :

BNA_G

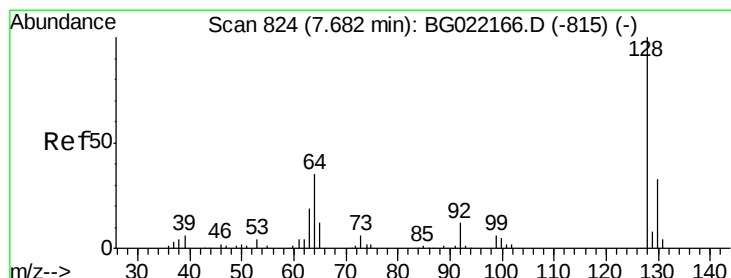
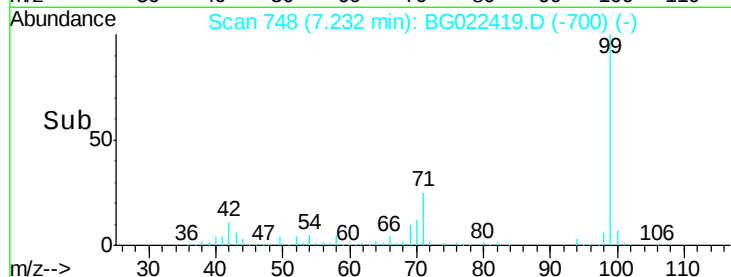
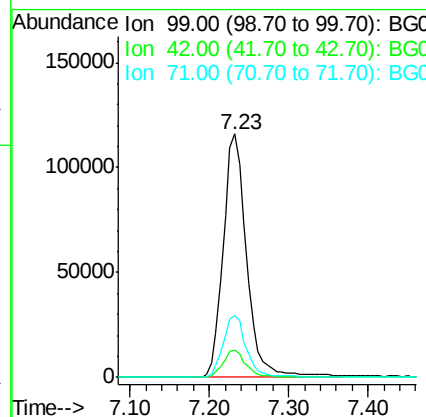
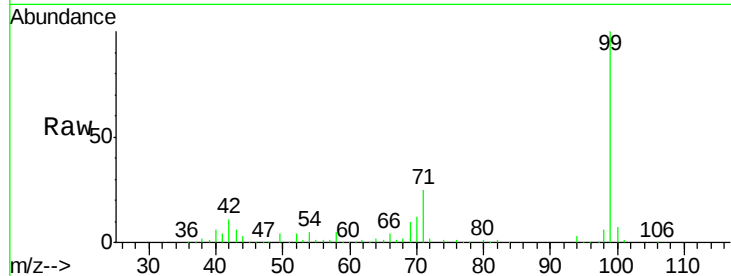
ClientSampleId :

PB91233BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		238589		
42	11.0	16.4	24.6#		
71	25.3	25.0	37.4		

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#8

2-Chlorophenol

Concen: 41.47 ng

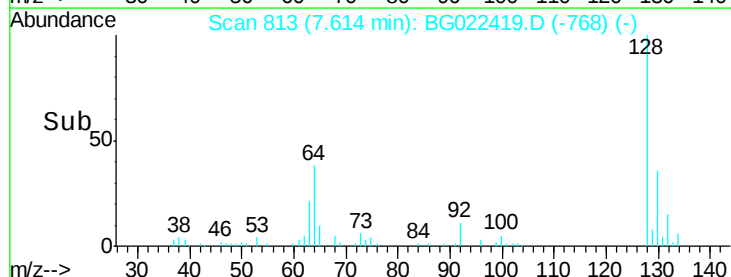
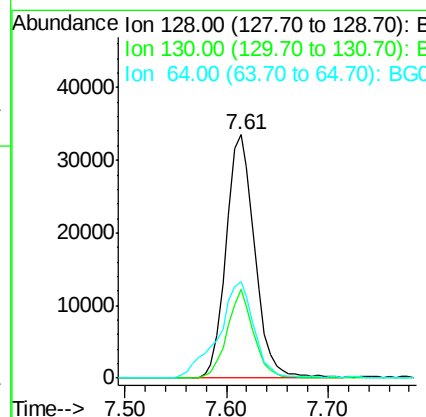
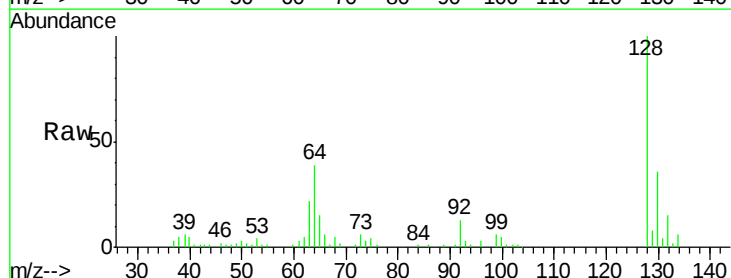
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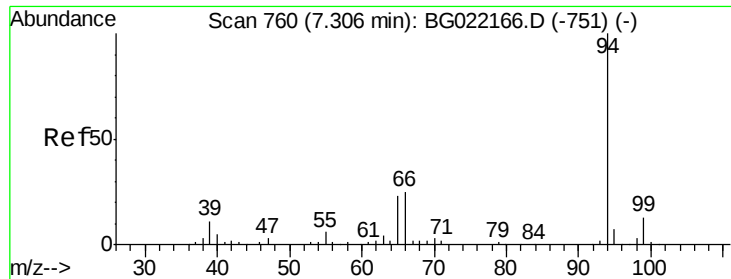
Delta R.T. -0.04 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		65760		
130	36.3	11.2	51.2		
64	39.4	39.8	79.8#		





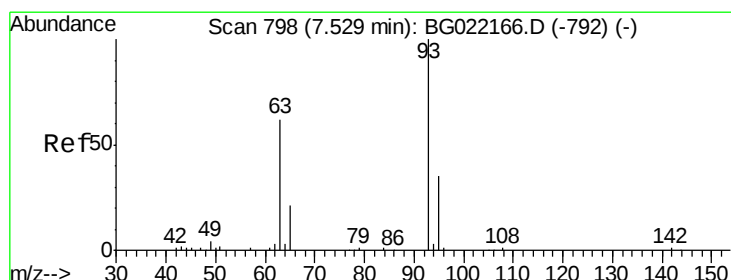
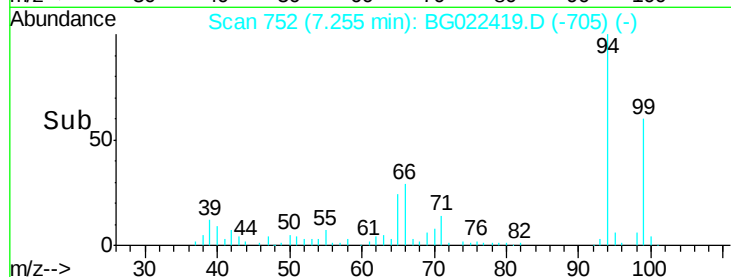
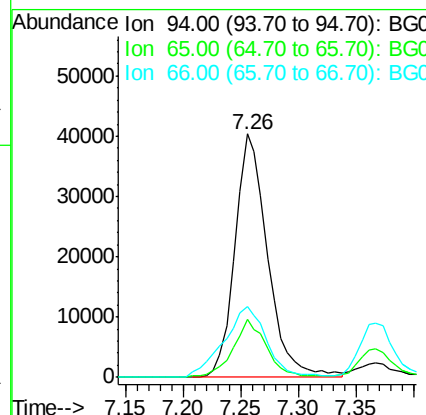
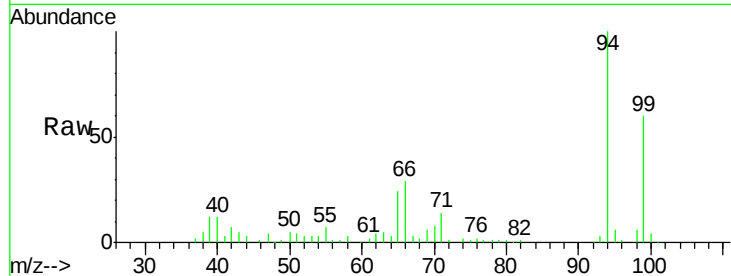
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Phenol
Concen: 42.59 ng
RT: 7.26 min Scan# 752
Delta R.T. -0.02 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Instrument :
BNA_G
ClientSampleId :
PB91233BS

Tot Ion	Ratio	Lower	Upper
94	100		
65	23.9	9.8	49.8
66	28.8	20.8	60.8

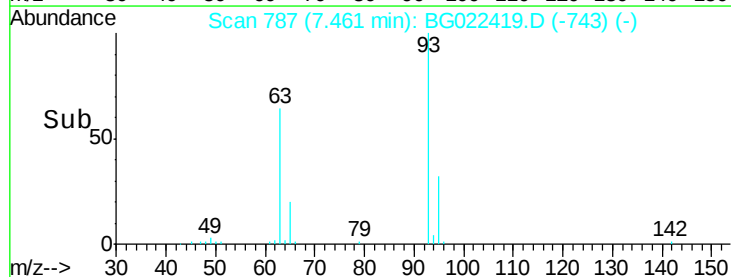
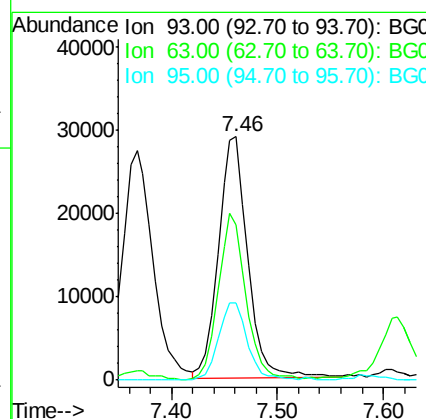
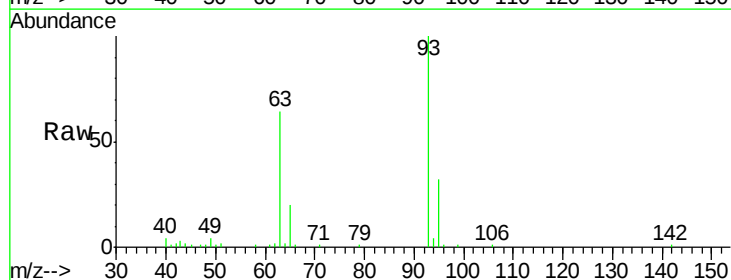
Manual Integrations
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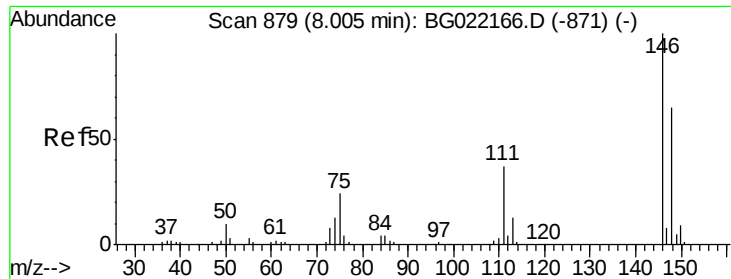
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#11
bis(2-Chloroethyl)ether
Concen: 37.95 ng
RT: 7.46 min Scan# 787
Delta R.T. -0.04 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Tgt Ion	Ratio	Lower	Upper
93	100		
63	63.5	74.9	114.9#
95	31.6	8.3	48.3





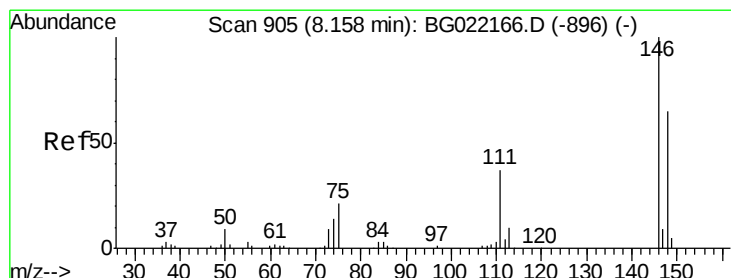
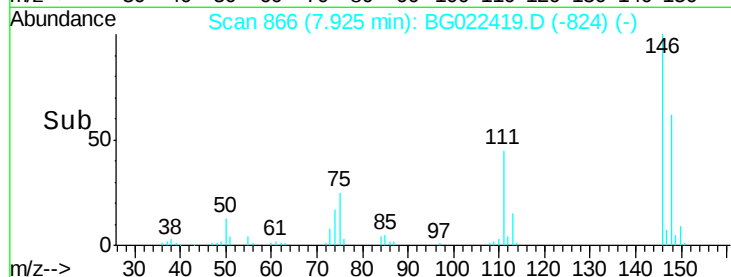
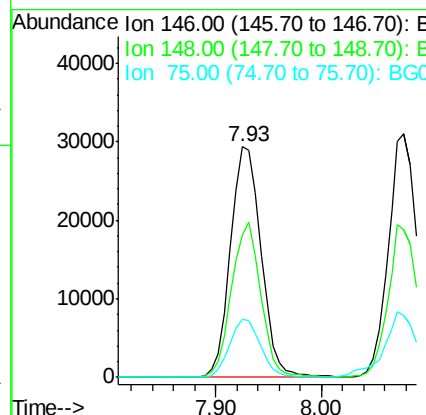
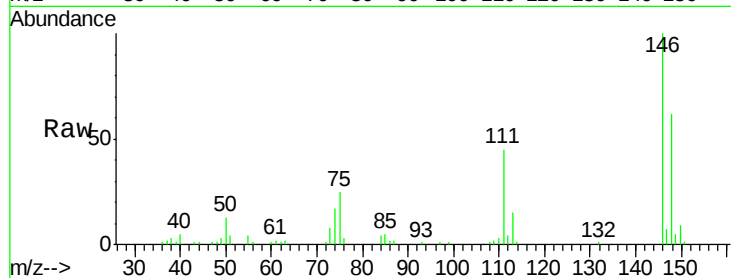
#12
 1,3-Dichlorobenzene
 Concen: 34.68 ng
 RT: 7.93 min Scan# 866
 Delta R.T. -0.05 min
 Lab File: BG022419.D
 Acq: 18 Jun 2016 12:00

Instrument :
 BNA_G
 ClientSampleId :
 PB91233BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.8	53.7	80.5
75	25.2	27.4	41.0

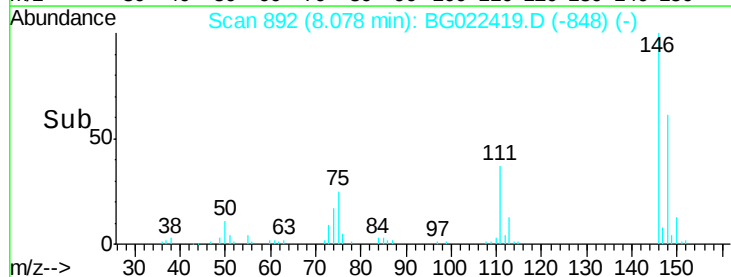
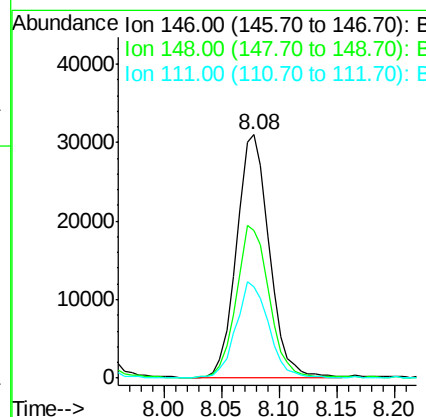
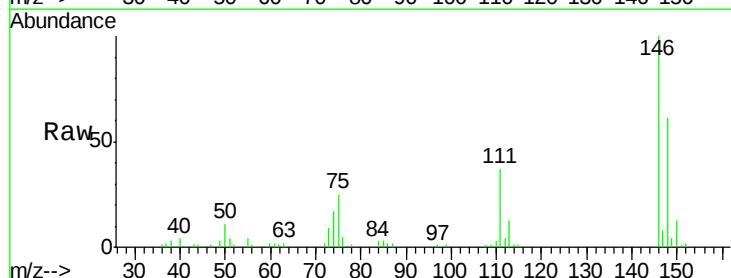
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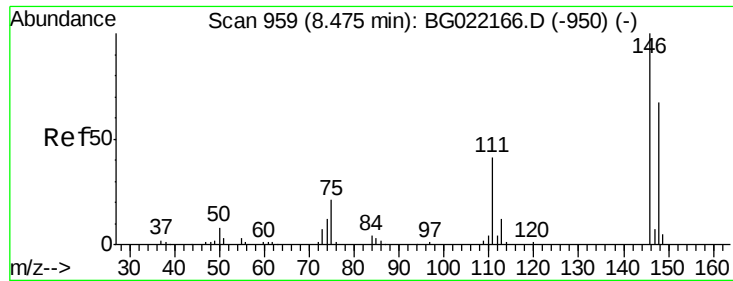
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#13
 1,4-Dichlorobenzene
 Concen: 36.15 ng
 RT: 8.08 min Scan# 892
 Delta R.T. -0.04 min
 Lab File: BG022419.D
 Acq: 18 Jun 2016 12:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.5	46.7	70.1
111	37.3	33.0	49.6





#14

1,2-Dichlorobenzene

Concen: 36.11 ng

RT: 8.40 min Scan# 946

Delta R.T. -0.05 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

Instrument :

BNA_G

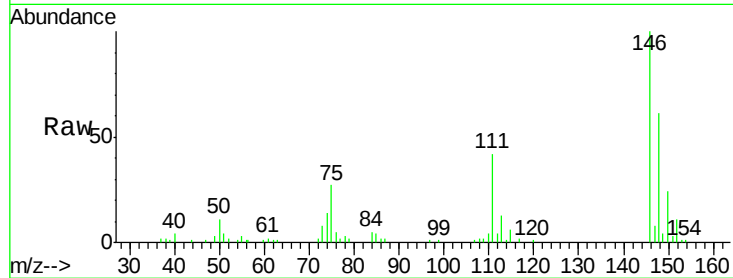
ClientSampleId :

PB91233BS

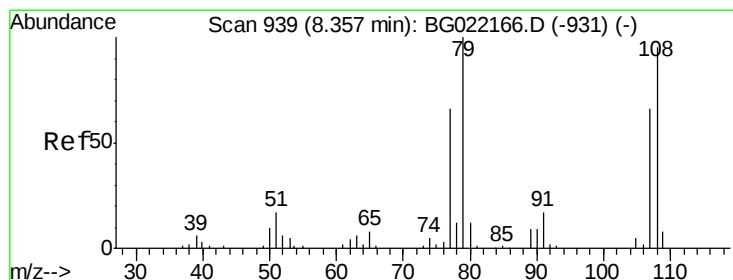
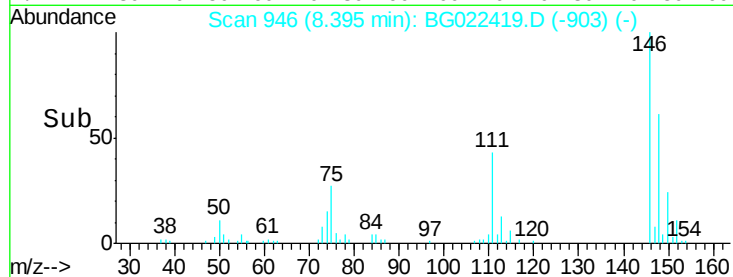
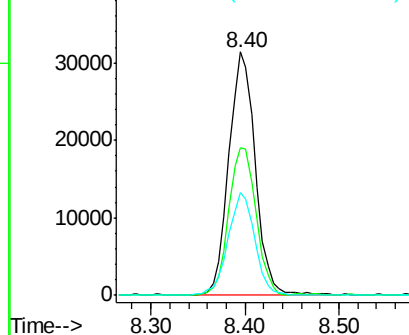
Tot Ion:	146	Resp:	61653
Ion Ratio	Lower	Upper	
146	100		
148	60.8	52.6	79.0
111	42.5	36.1	54.1

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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



#15

Benzyl Alcohol

Concen: 37.96 ng

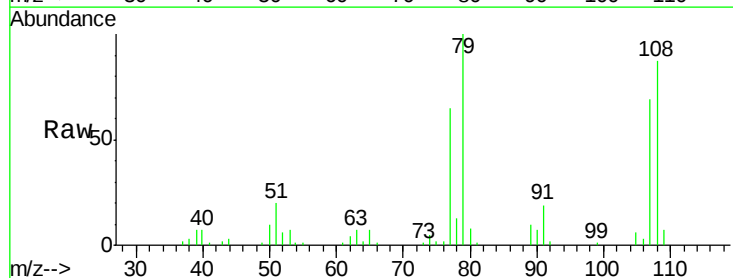
RT: 8.30 min Scan# 929

Delta R.T. -0.04 min

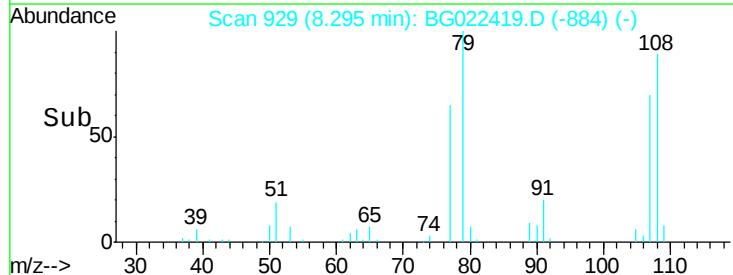
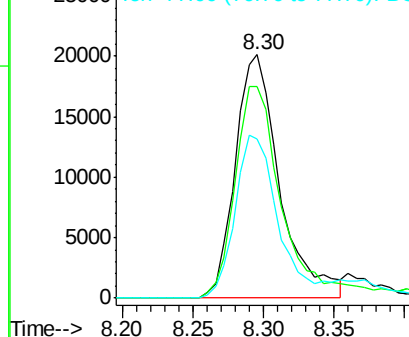
Lab File: BG022419.D

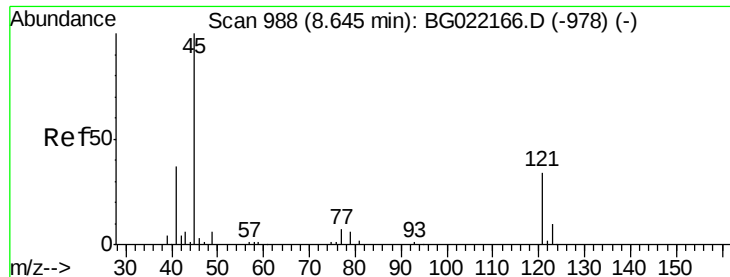
Acq: 18 Jun 2016 12:00

Tgt Ion:	79	Resp:	44244
Ion Ratio	Lower	Upper	
79	100		
108	87.2	59.4	89.0
77	65.4	52.2	78.2



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





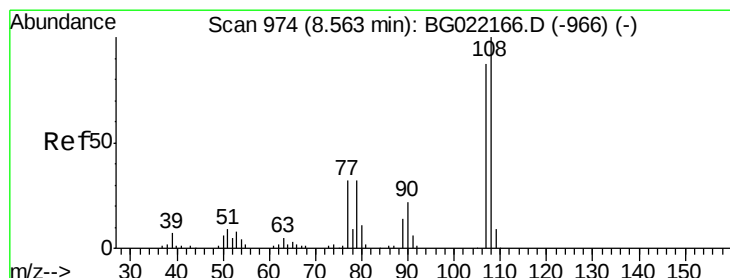
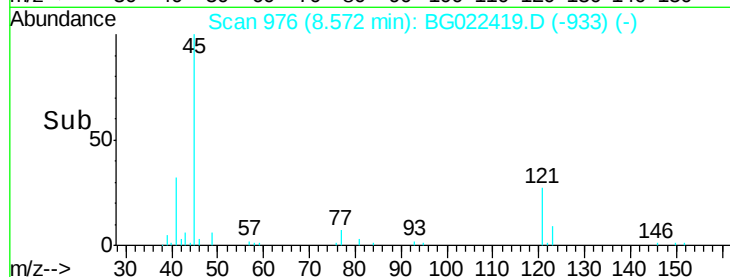
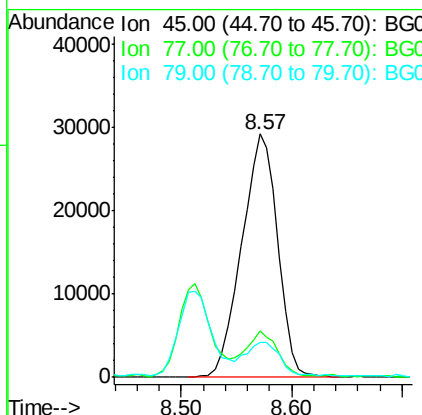
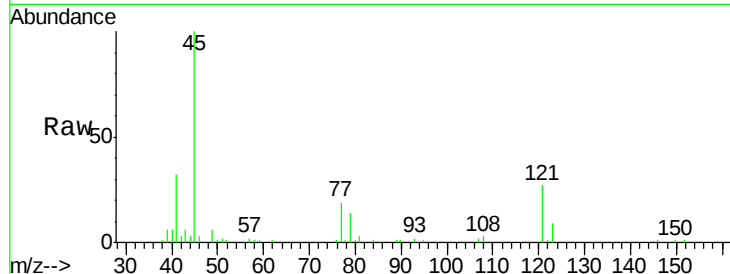
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 43.23 ng
RT: 8.57 min Scan# 976
Delta R.T. -0.05 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Instrument :
BNA_G
ClientSampleId :
PB91233BS

Tot Ion	Ratio	Resp	Lower	Upper
45	100	66520		
77	19.3		0.0	31.2
79	14.3		0.0	29.0

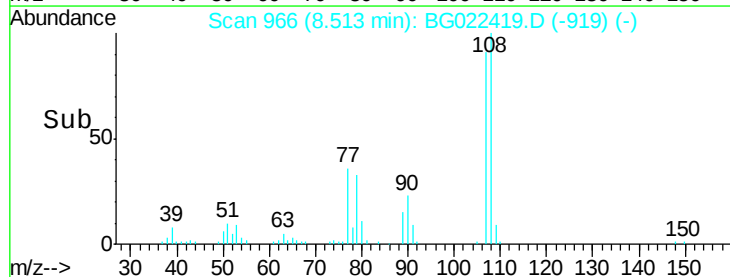
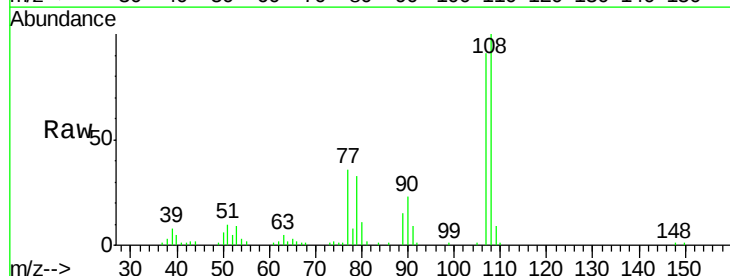
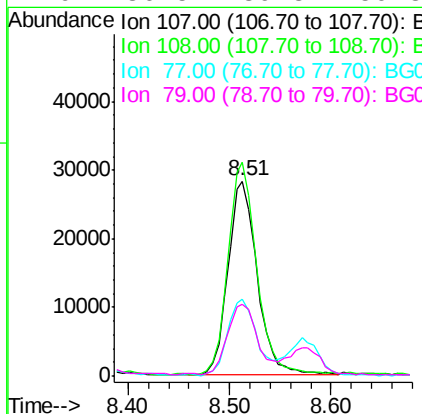
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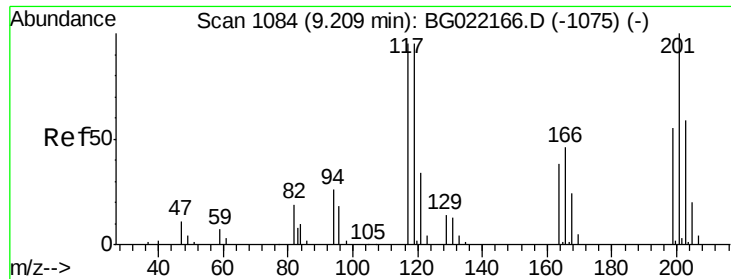
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#17
2-Methylphenol
Concen: 40.39 ng
RT: 8.51 min Scan# 966
Delta R.T. -0.02 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	56058		
108	109.6		80.2	120.4
77	39.6		40.7	61.1#
79	36.5		39.8	59.8#





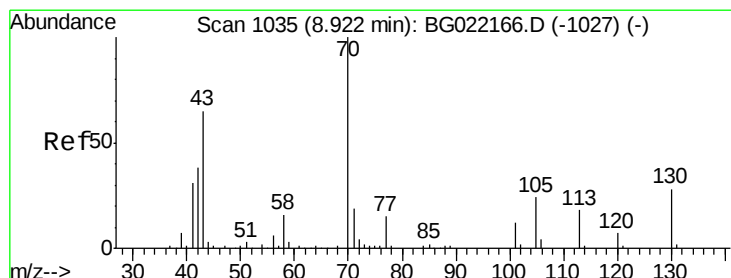
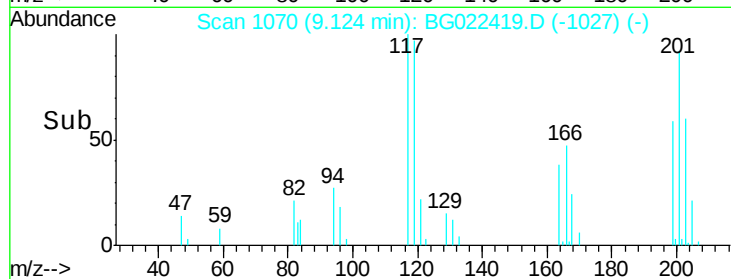
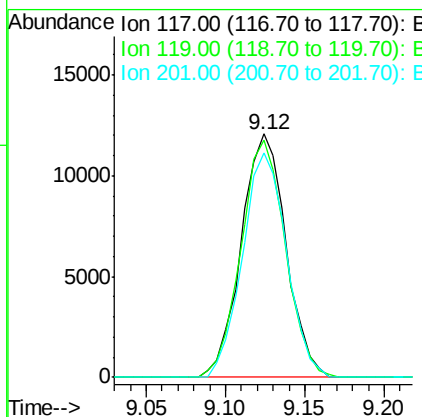
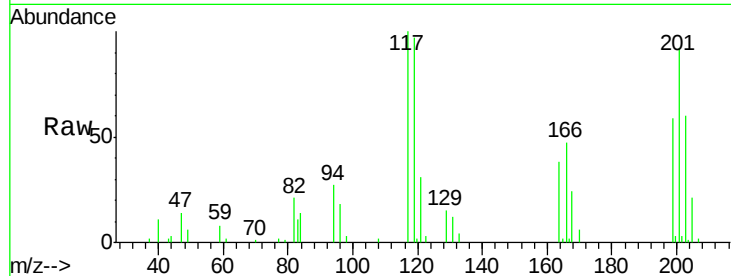
#18
Hexachloroethane
Concen: 38.23 ng
RT: 9.12 min Scan# 1070
Delta R.T. -0.05 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Instrument :
BNA_G
ClientSampleId :
PB91233BS

Tot Ion:	117	Resp:	23641
Ion Ratio	Lower	Upper	
117	100		
119	97.5	63.9	95.9#
201	95.4	61.2	91.8#

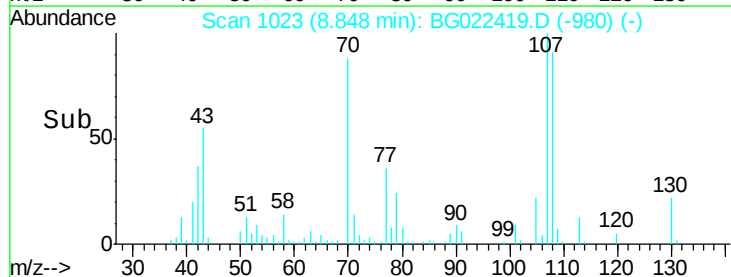
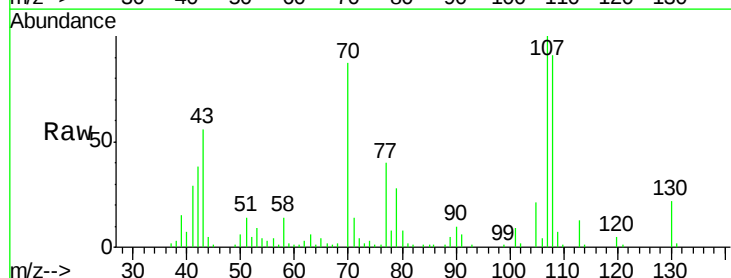
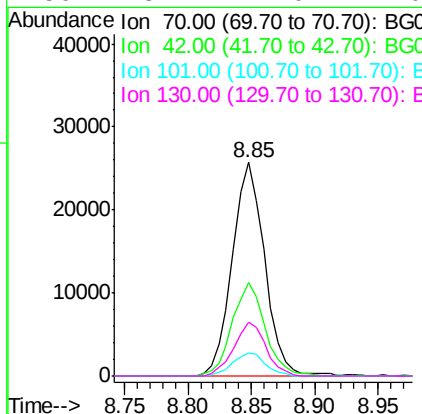
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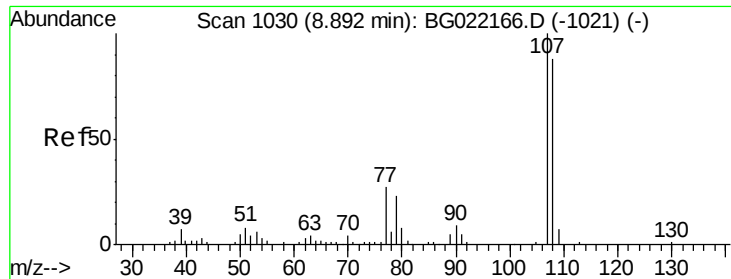
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#19
n-Nitroso-di-n-propylamine
Concen: 37.28 ng
RT: 8.85 min Scan# 1023
Delta R.T. -0.05 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Tgt Ion:	70	Resp:	45523
Ion Ratio	Lower	Upper	
70	100		
42	43.7	56.7	85.1#
101	10.6	8.2	12.4
130	25.2	14.0	21.0#





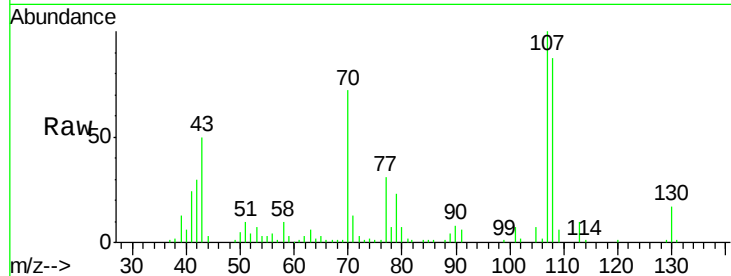
#20
3+4-Methylphenols
Concen: 37.79 ng
RT: 8.84 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Instrument :
BNA_G
ClientSampled :
PB91233BS

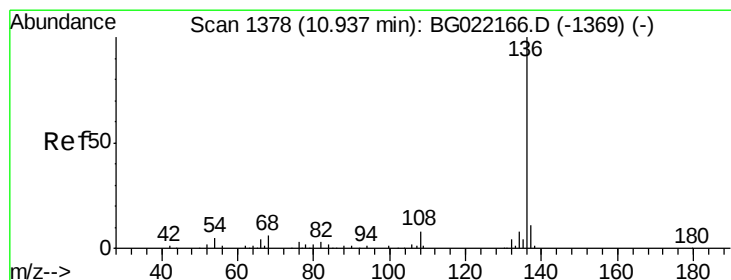
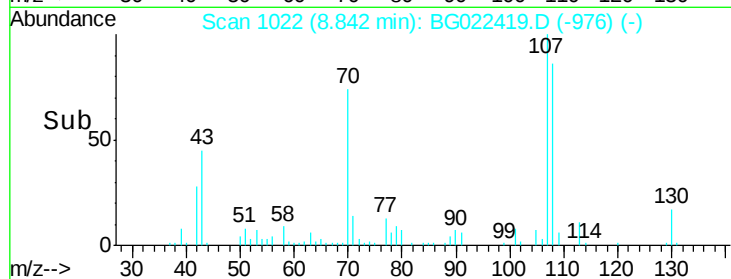
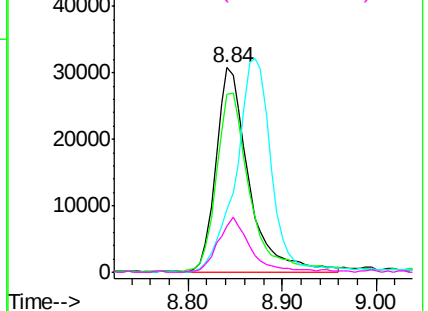
Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100		75229		
108	86.8	66.2	106.2		
77	30.7	11.5	51.5		
79	22.7	5.6	45.6		

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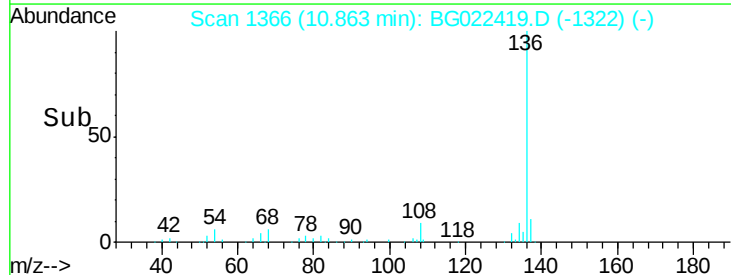
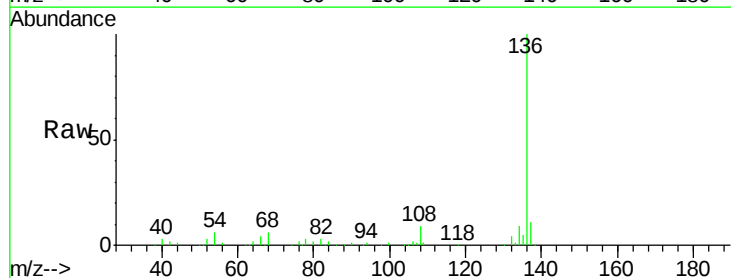
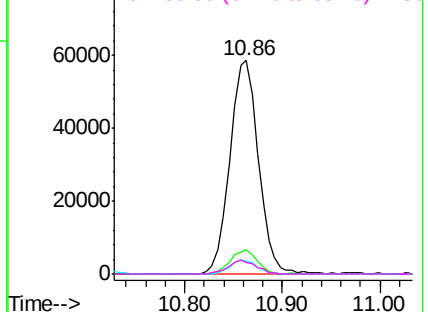
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

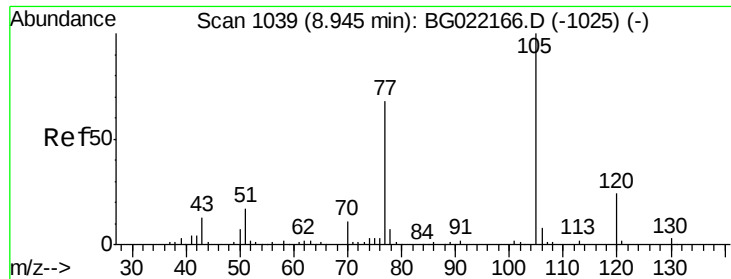


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.86 min Scan# 1366
Delta R.T. -0.04 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		119306		
137	11.5	9.0	13.4		
54	6.3	9.6	14.4#		
68	5.5	6.4	9.6#		

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





#22

Acetophenone

Concen: 34.23 ng

RT: 8.87 min Scan# 1027

Delta R.T. -0.05 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

Instrument :

BNA_G

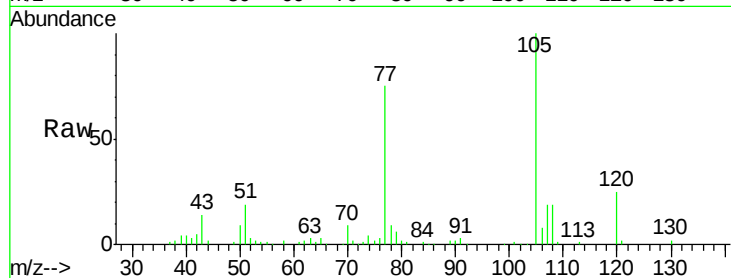
ClientSampleId :

PB91233BS

Tot Ion	Ratio	Lower	Upper
105	100		
71	1.9	0.0	0.0#
51	19.2	25.7	38.5#
120	25.4	17.0	25.6

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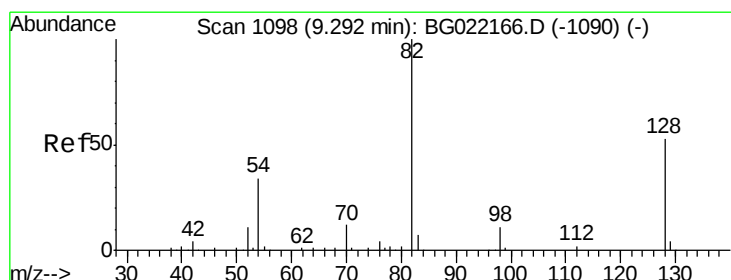
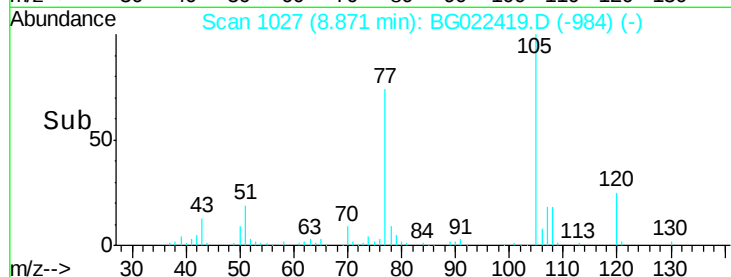
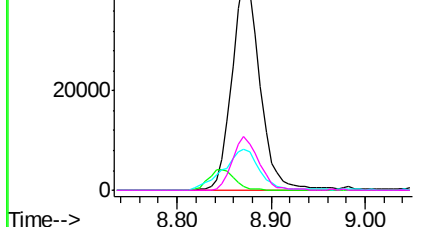


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 73.34 ng

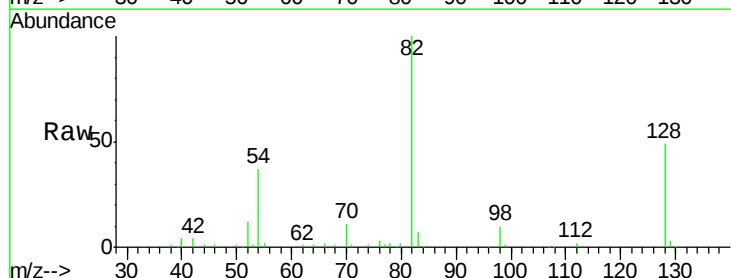
RT: 9.22 min Scan# 1086

Delta R.T. -0.04 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

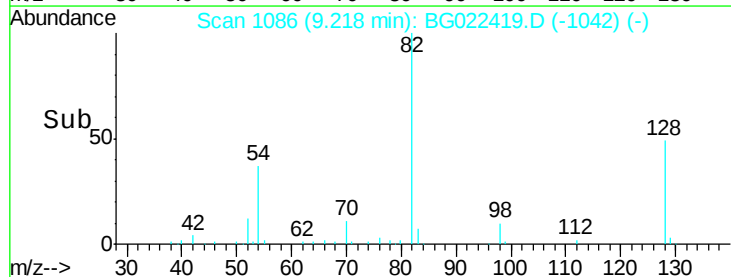
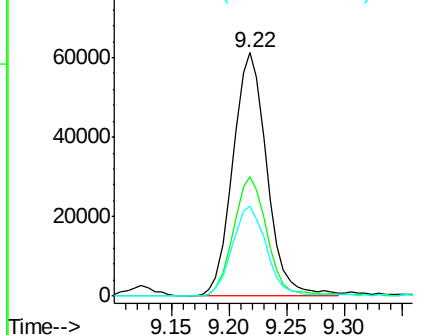
Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.1	33.4	50.0
54	37.1	46.1	69.1#

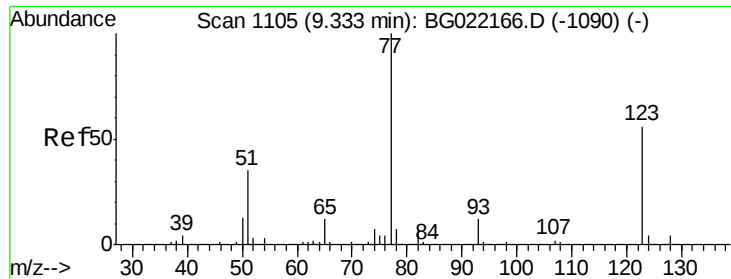


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





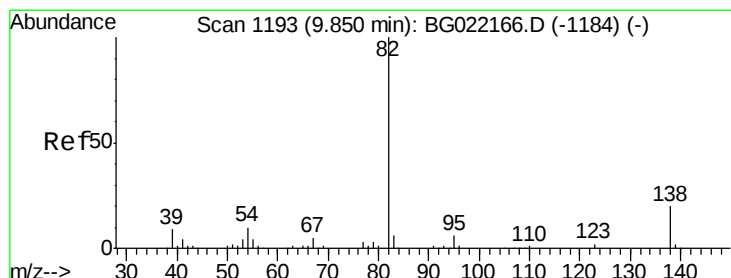
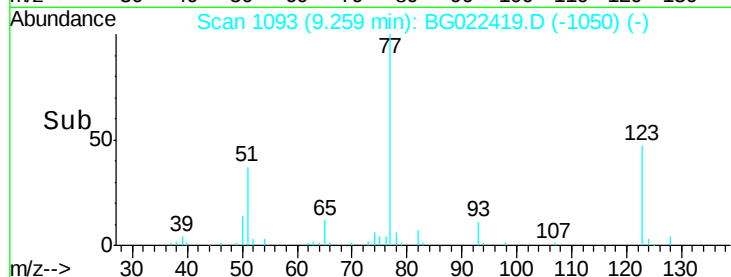
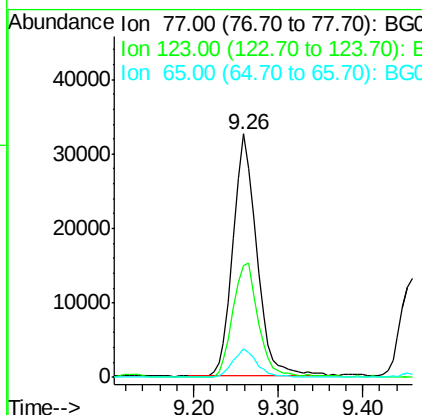
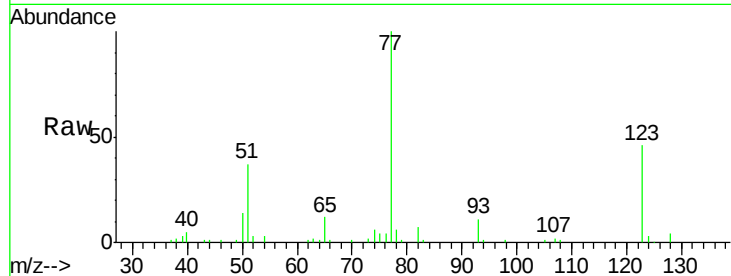
#24
 Nitrobenzene
 Concen: 36.53 ng
 RT: 9.26 min Scan# 1093
 Delta R.T. -0.05 min
 Lab File: BG022419.D
 Acq: 18 Jun 2016 12:00

Instrument :
 BNA_G
 ClientSampleId :
 PB91233BS

Tot Ion	Ratio	Lower	Upper
77	100		
123	46.1	32.2	48.4
65	12.0	10.3	15.5

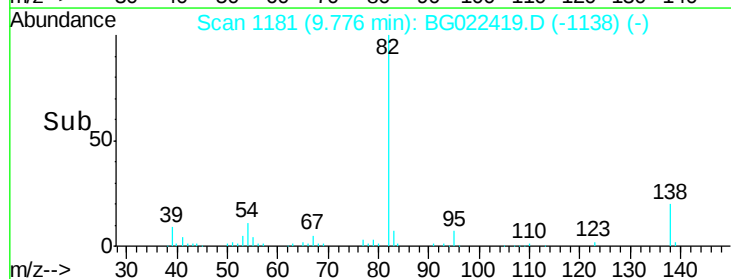
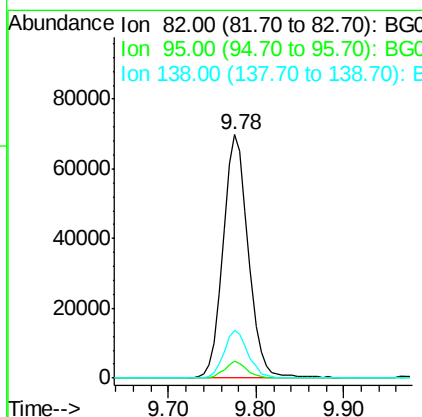
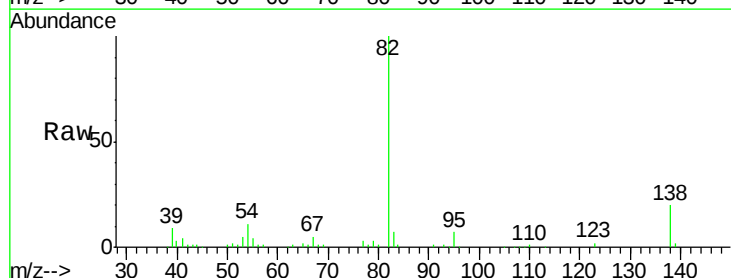
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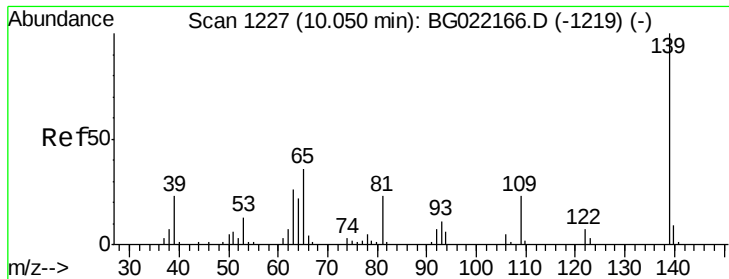
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#25
 Isophorone
 Concen: 34.56 ng
 RT: 9.78 min Scan# 1181
 Delta R.T. -0.05 min
 Lab File: BG022419.D
 Acq: 18 Jun 2016 12:00

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.9	6.0	9.0
138	19.7	13.4	20.0





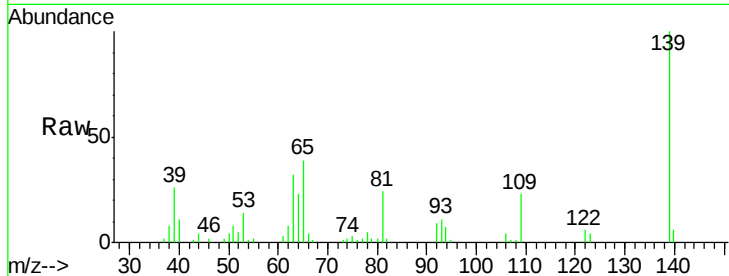
#26
2-Nitrophenol
Concen: 36.25 ng
RT: 9.98 min Scan# 1215
Delta R.T. -0.04 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Instrument :
BNA_G
ClientSampleId :
PB91233BS

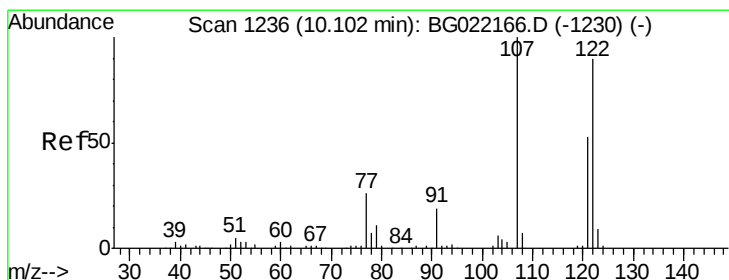
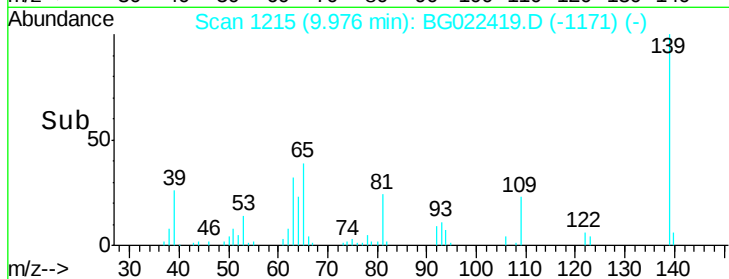
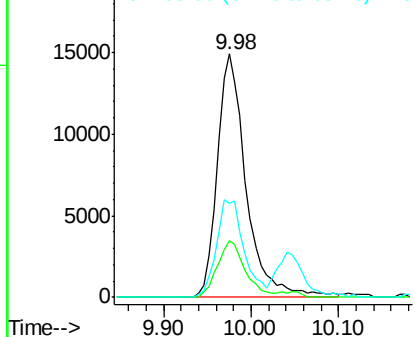
Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	23.2	26.6	40.0	
65	38.8	45.3	67.9	

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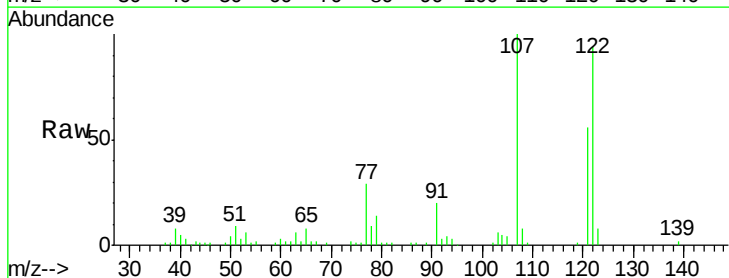


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): B

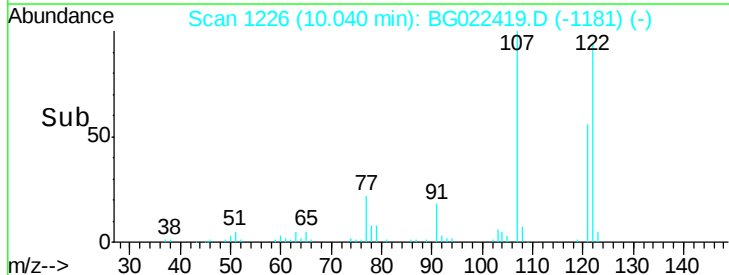
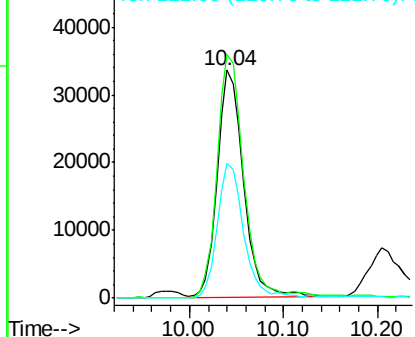


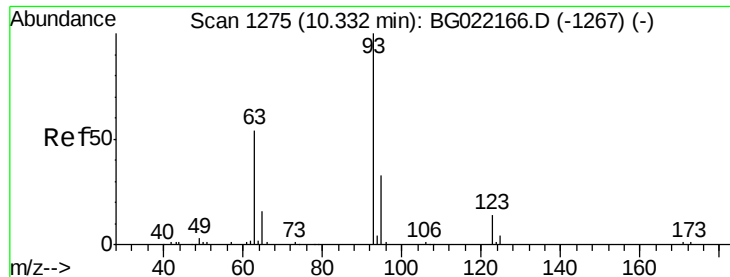
#27
2,4-Dimethylphenol
Concen: 38.62 ng
RT: 10.04 min Scan# 1226
Delta R.T. -0.04 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
107	107.0	97.2	145.8	
121	59.4	49.0	73.4	



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E





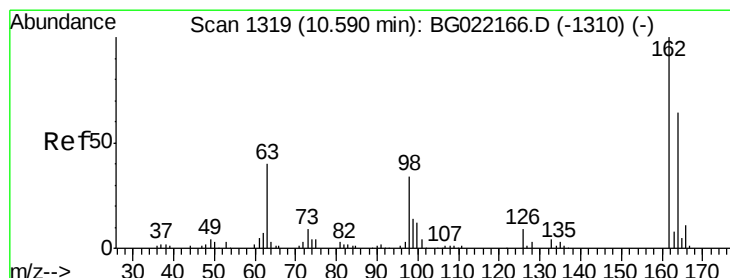
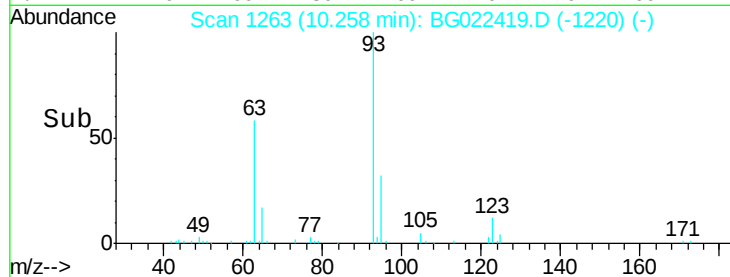
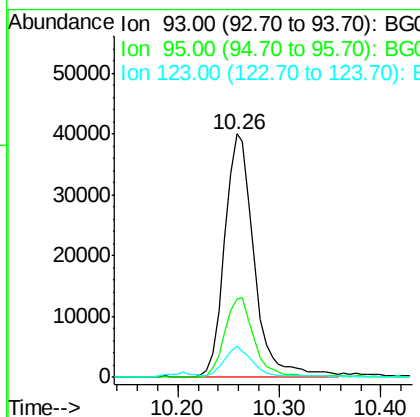
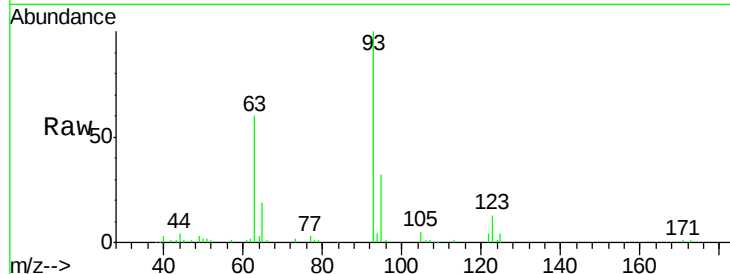
#28
 bis(2-Chloroethoxy)methane
 Concen: 35.38 ng
 RT: 10.26 min Scan# 1263
 Delta R.T. -0.05 min
 Lab File: BG022419.D
 Acq: 18 Jun 2016 12:00

Instrument :
 BNA_G
 ClientSampleID :
 PB91233BS

Tot Ion:	93	Resp:	81153
Ion	Ratio	Lower	Upper
93	100		
95	32.0	30.1	45.1
123	12.7	10.2	15.4

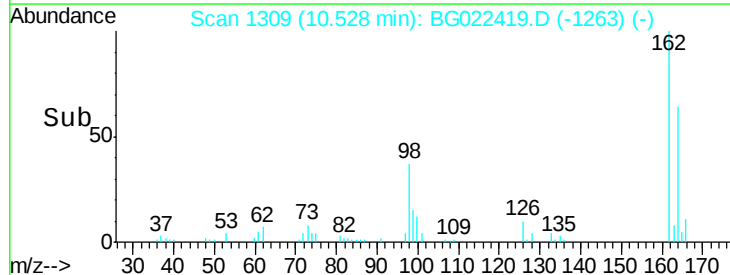
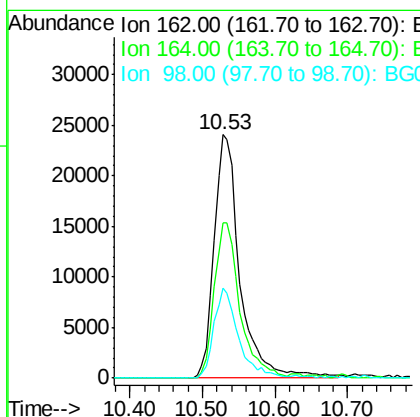
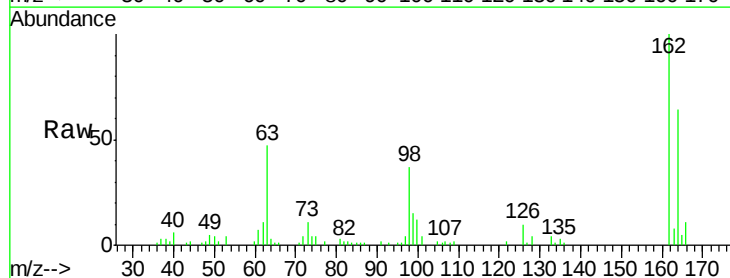
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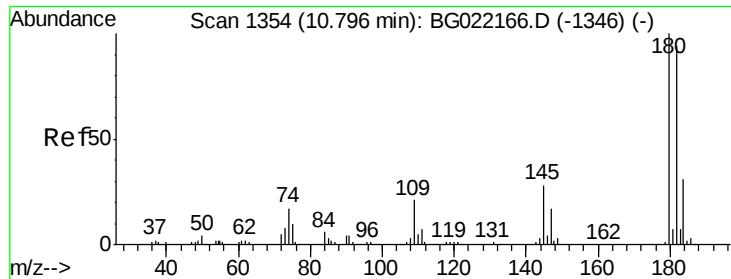
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#29
 2,4-Dichlorophenol
 Concen: 37.99 ng
 RT: 10.53 min Scan# 1309
 Delta R.T. -0.03 min
 Lab File: BG022419.D
 Acq: 18 Jun 2016 12:00

Tgt Ion:	162	Resp:	59444
Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.9	84.9
98	37.0	19.2	59.2





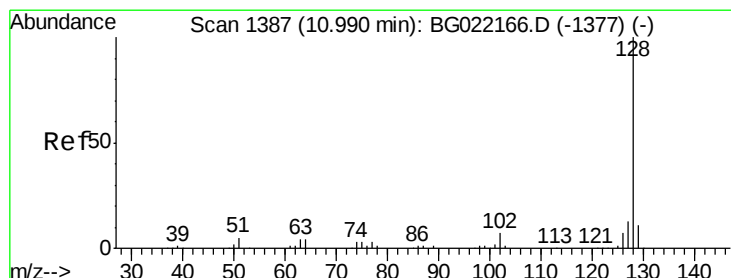
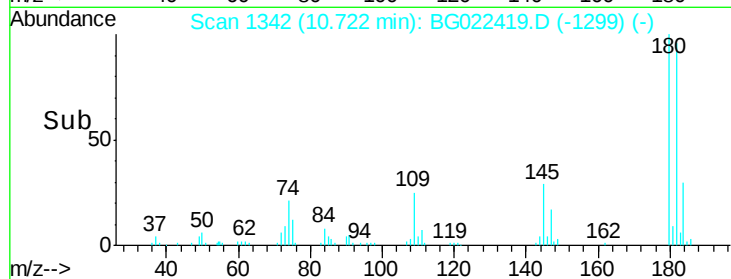
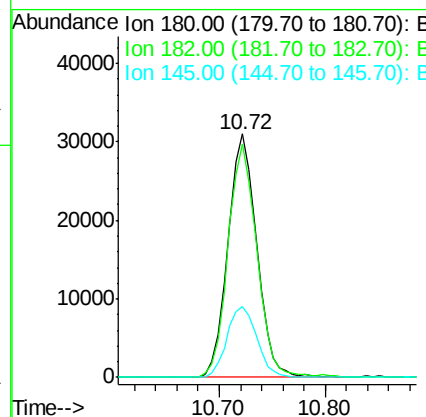
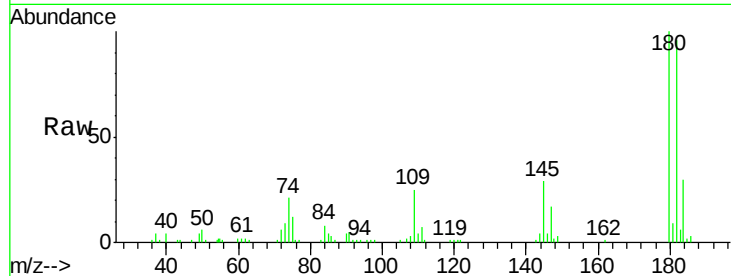
#30
 1,2,4-Trichlorobenzene
 Concen: 33.46 ng
 RT: 10.72 min Scan# 1342
 Delta R.T. -0.05 min
 Lab File: BG022419.D
 Acq: 18 Jun 2016 12:00

Instrument :
 BNA_G
 ClientSampleId :
 PB91233BS

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	82.3	123.5
145	29.2	24.4	36.6

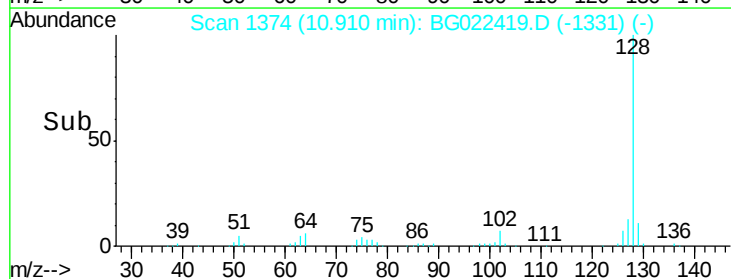
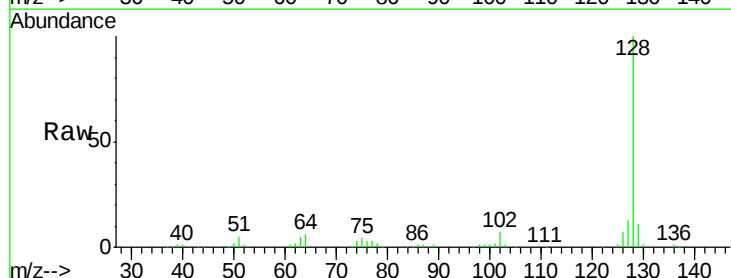
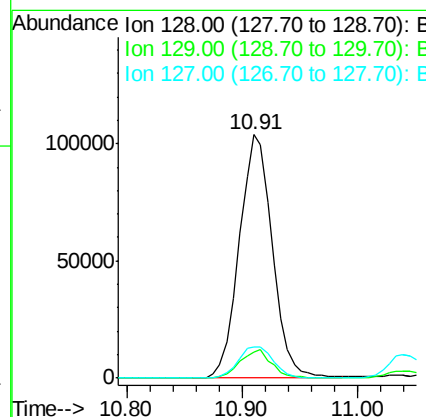
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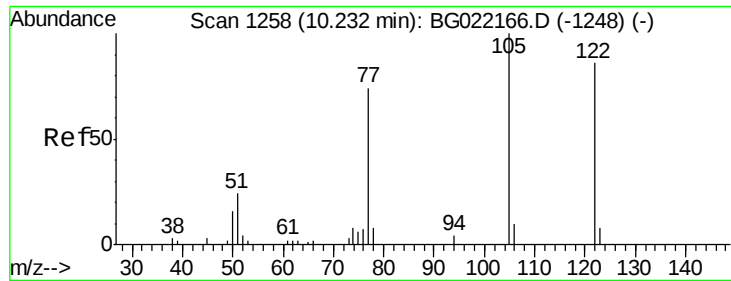
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#31
 Naphthalene
 Concen: 34.62 ng
 RT: 10.91 min Scan# 1374
 Delta R.T. -0.05 min
 Lab File: BG022419.D
 Acq: 18 Jun 2016 12:00

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.7	7.0	10.6#
127	12.9	10.1	15.1





#32

Benzoic acid

Concen: 40.92 ng

RT: 10.20 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

Instrument :

BNA_G

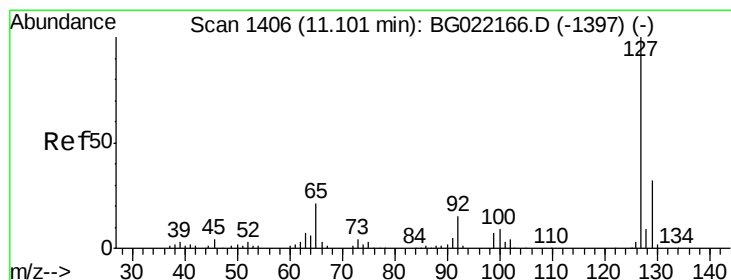
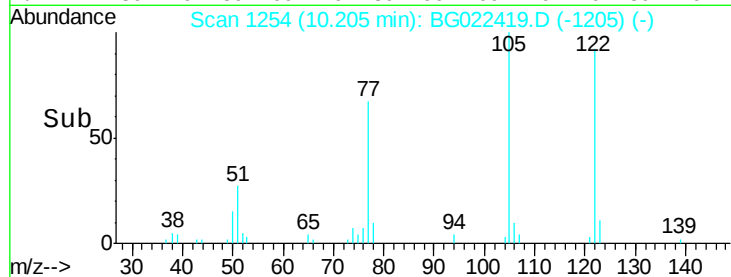
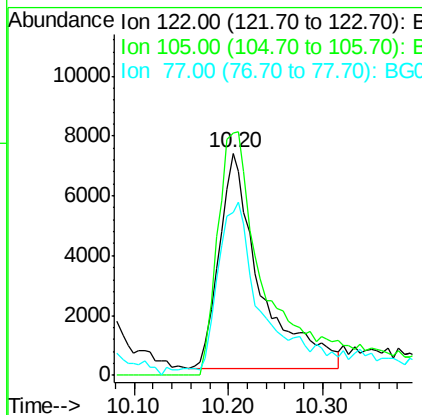
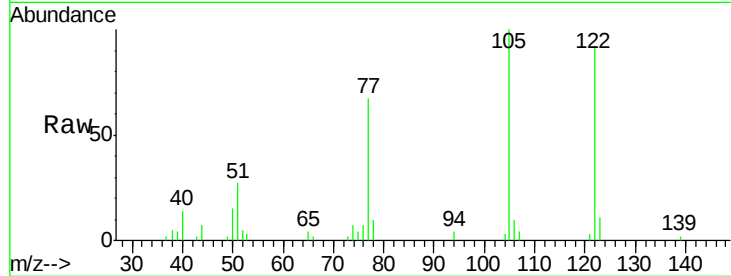
ClientSampled :

PB91233BS

Tot Ion:	122	Resp:	21903
Ion Ratio	Lower	Upper	
122	100		
105	109.2	104.5	144.5
77	73.3	79.9	119.9#

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#33

4-Chloroaniline

Concen: 11.91 ng

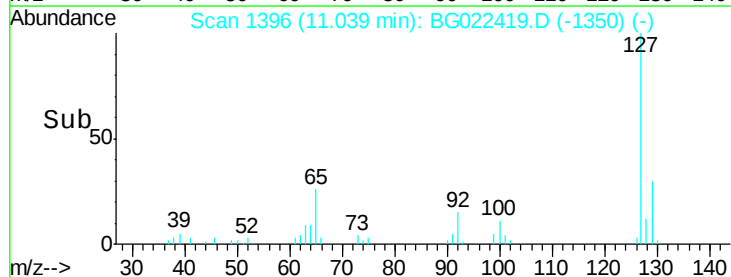
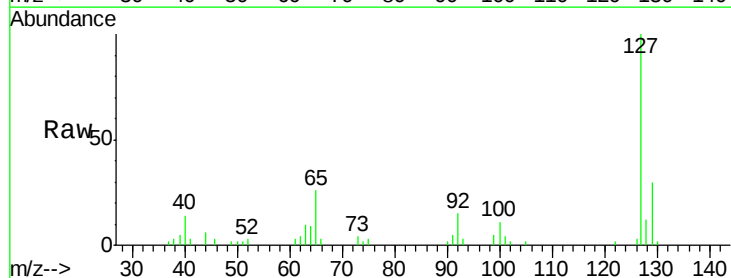
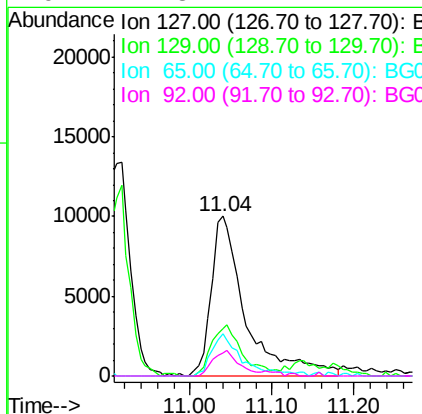
RT: 11.04 min Scan# 1396

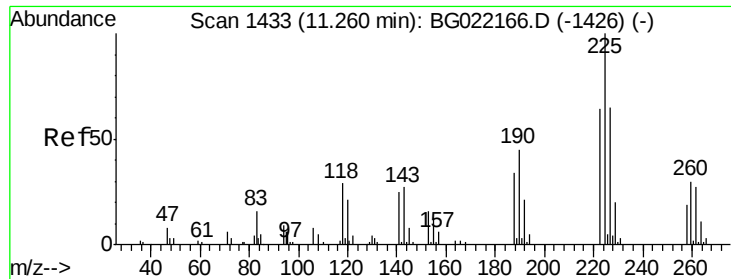
Delta R.T. -0.03 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

Tgt Ion:	127	Resp:	29489
Ion Ratio	Lower	Upper	
127	100		
129	29.9	26.6	39.8
65	26.4	27.5	41.3#
92	14.8	14.7	22.1





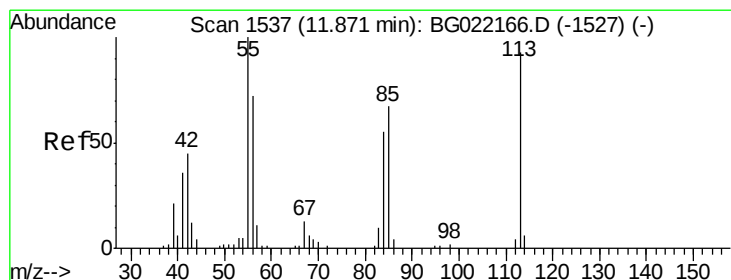
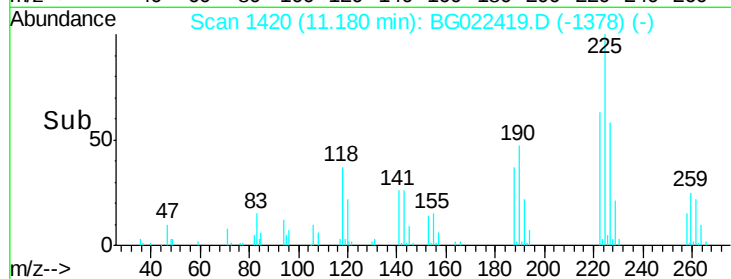
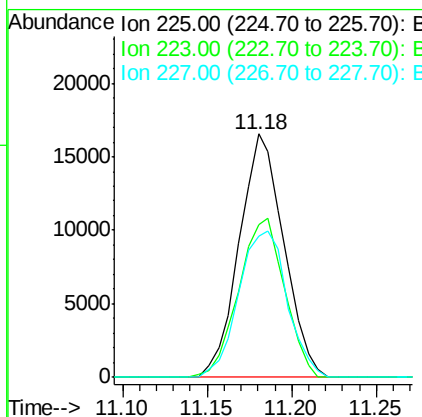
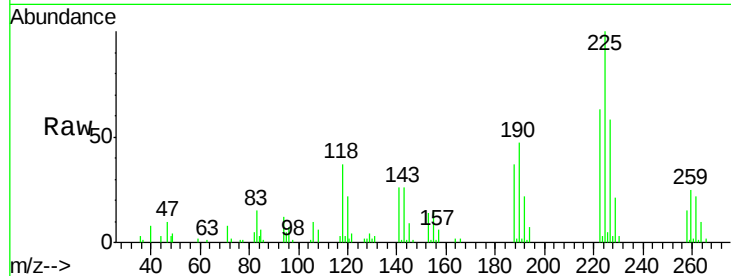
#34
Hexachlorobutadiene
Concen: 32.34 ng
RT: 11.18 min Scan# 1420
Delta R.T. -0.05 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Instrument :
BNA_G
ClientSampleId :
PB91233BS

Tot Ion	Ratio	Lower	Upper
225	100		
223	62.7	52.7	79.1
227	58.6	49.7	74.5

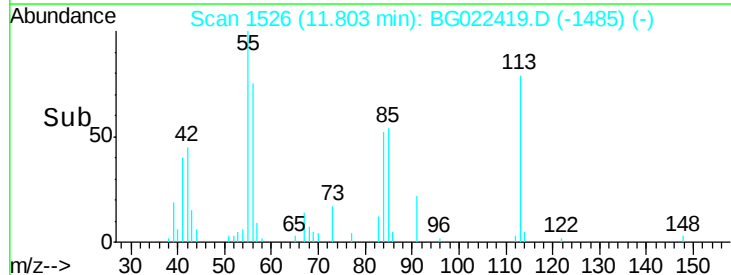
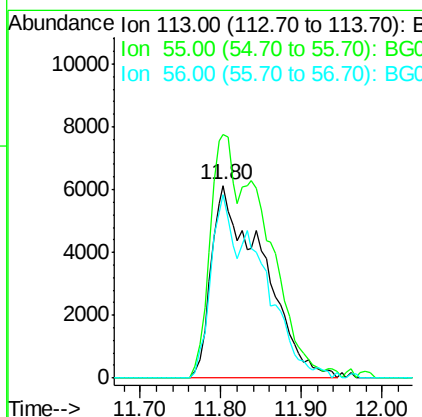
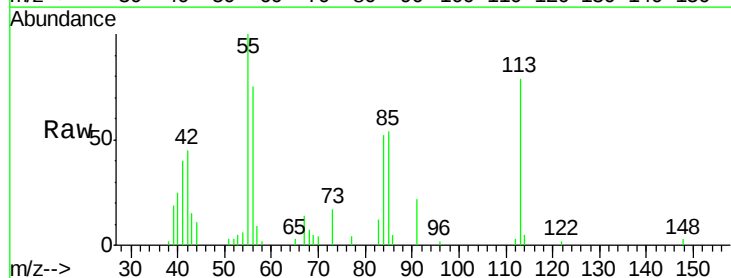
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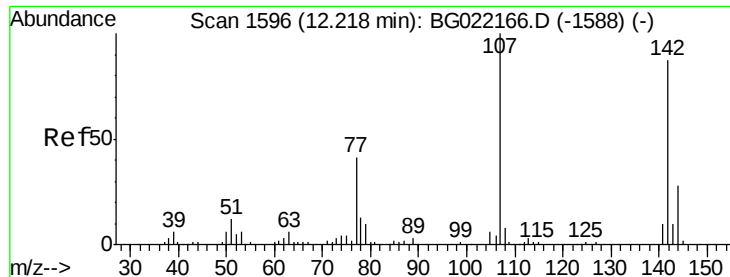
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#35
Caprolactam
Concen: 31.72 ng m
RT: 11.80 min Scan# 1526
Delta R.T. -0.06 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Tgt Ion	Ratio	Lower	Upper
113	100		
55	126.3	194.2	234.2#
56	95.0	122.6	162.6#





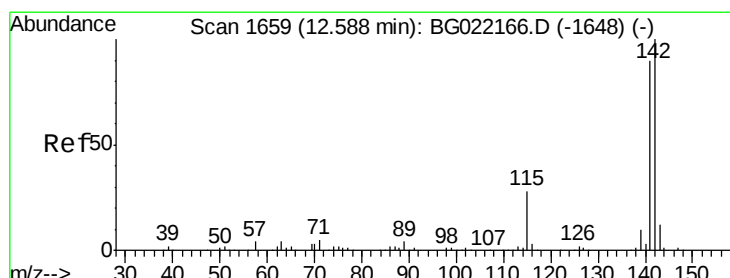
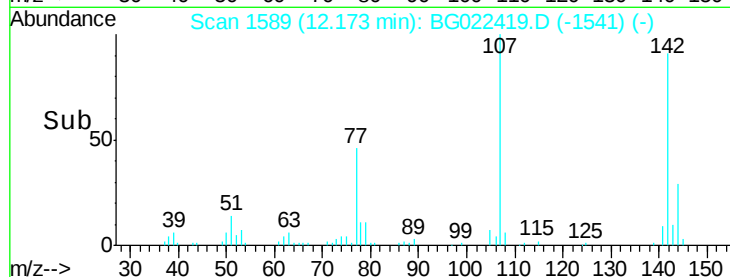
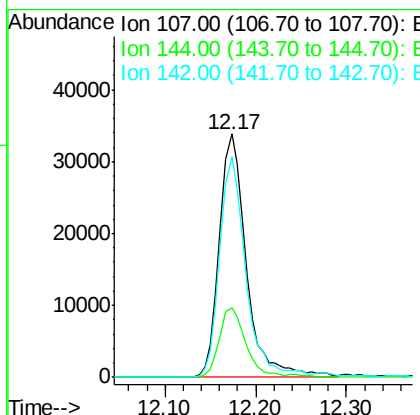
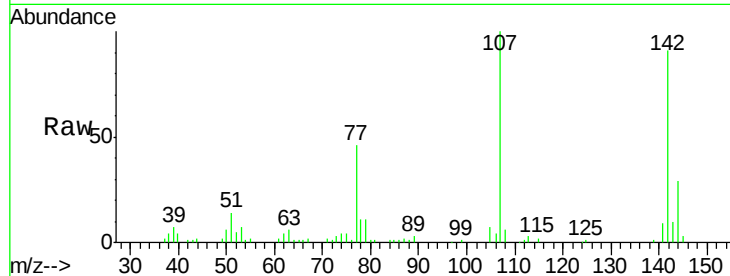
#36
 4-Chloro-3-methylphenol
 Concen: 37.95 ng
 RT: 12.17 min Scan# 1589
 Delta R.T. -0.02 min
 Lab File: BG022419.D
 Acq: 18 Jun 2016 12:00

Instrument :
 BNA_G
 ClientSampleId :
 PB91233BS

Tot Ion	Ratio	Lower	Upper
107	100		
144	28.5	19.2	28.8
142	90.7	59.1	88.7

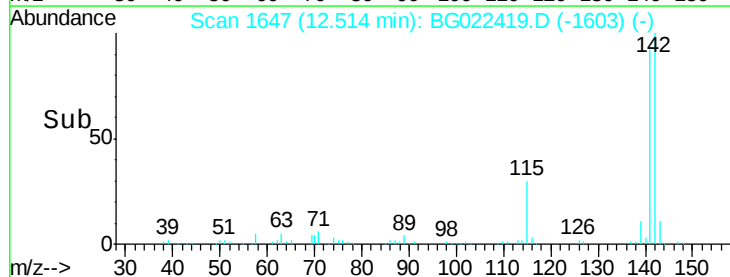
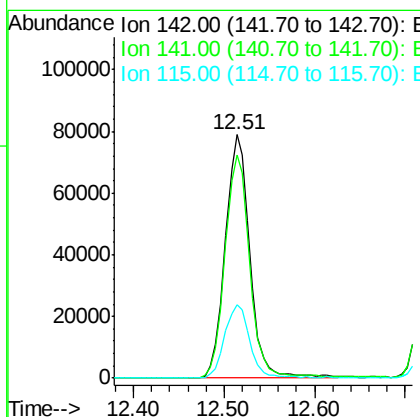
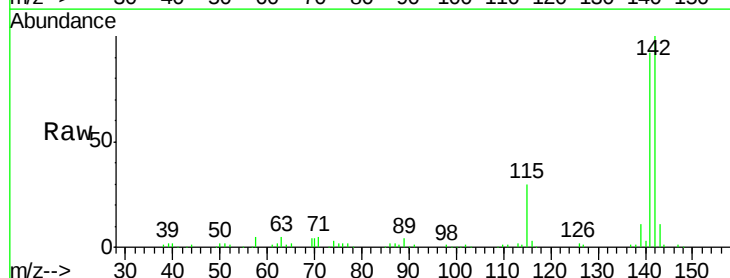
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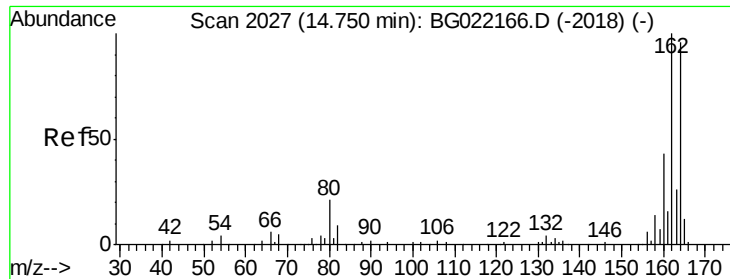
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#37
 2-Methylnaphthalene
 Concen: 33.82 ng
 RT: 12.51 min Scan# 1647
 Delta R.T. -0.04 min
 Lab File: BG022419.D
 Acq: 18 Jun 2016 12:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	71.4	107.0
115	30.2	27.4	41.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.68 min Scan# 2016

Delta R.T. -0.04 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

Instrument :

BNA_G

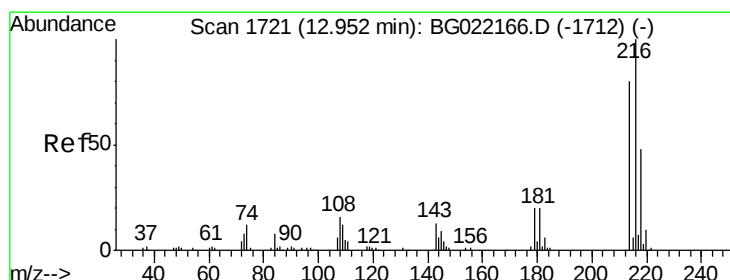
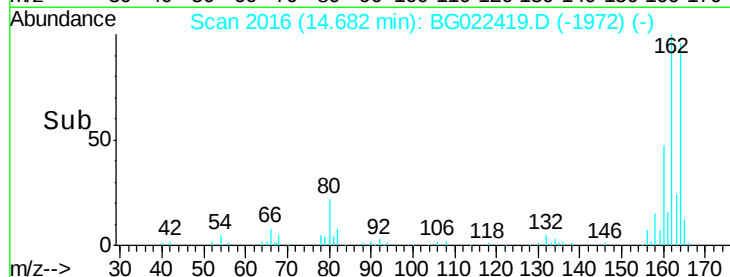
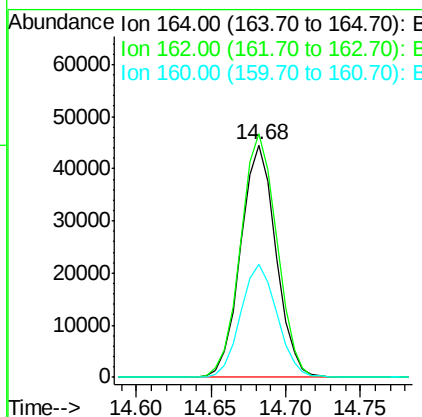
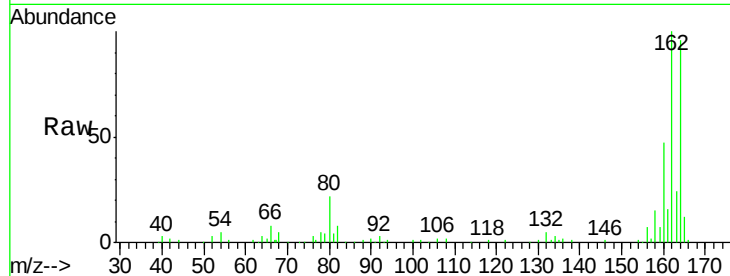
ClientSampleId :

PB91233BS

Tot Ion:	164	Resp:	72740
Ion Ratio	Lower	Upper	
164	100		
162	104.7	78.0	117.0
160	48.7	32.9	49.3

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.39 ng

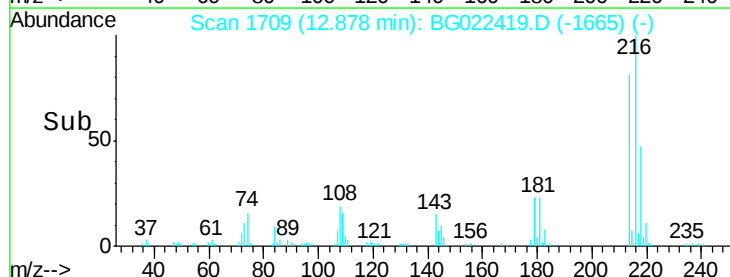
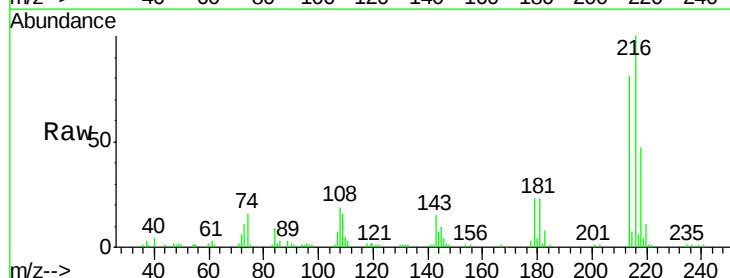
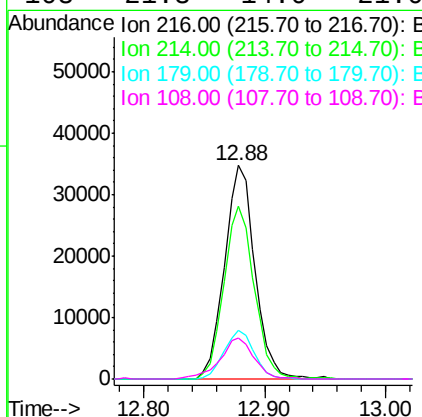
RT: 12.88 min Scan# 1709

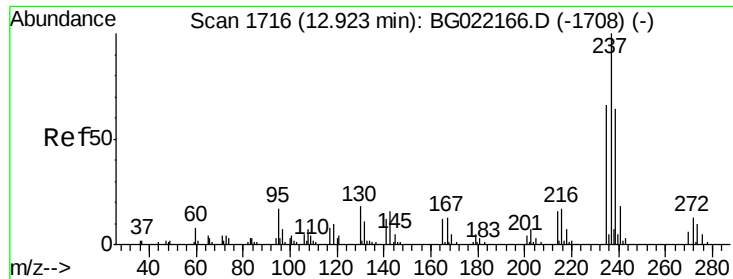
Delta R.T. -0.04 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

Tgt Ion:	216	Resp:	60649
Ion Ratio	Lower	Upper	
216	100		
214	80.4	62.2	93.2
179	22.4	16.7	25.1
108	21.3	14.0	21.0#





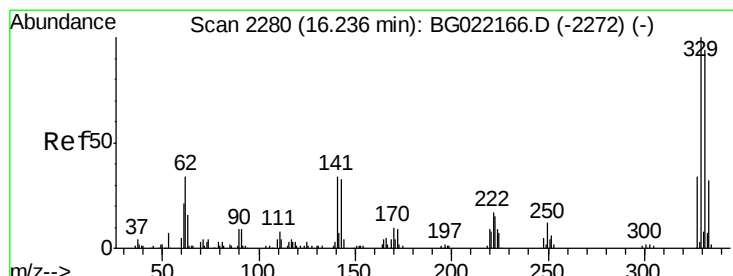
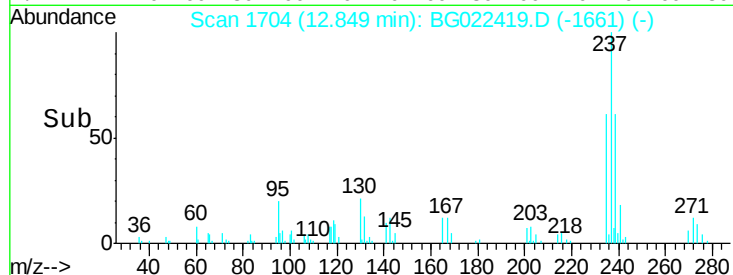
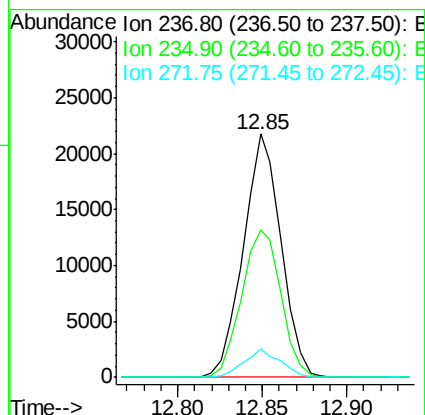
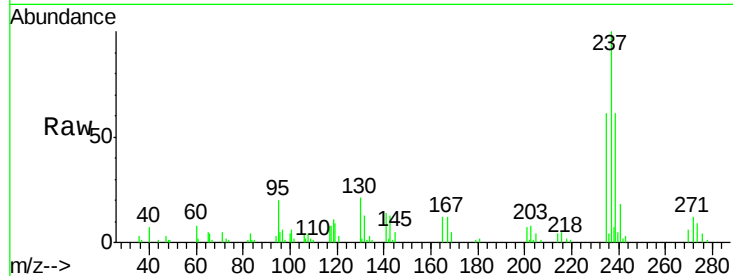
#40
Hexachlorocyclopentadiene
Concen: 38.13 ng
RT: 12.85 min Scan# 1704
Delta R.T. -0.05 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Instrument :
BNA_G
ClientSampleId :
PB91233BS

Tot Ion:	237	Resp:	33650
Ion Ratio	Lower	Upper	
237	100		
235	60.5	43.2	83.2
272	11.8	0.0	33.4

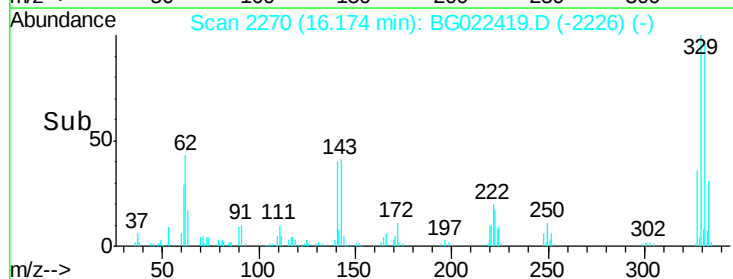
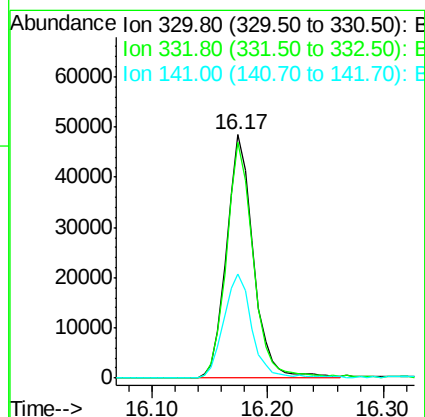
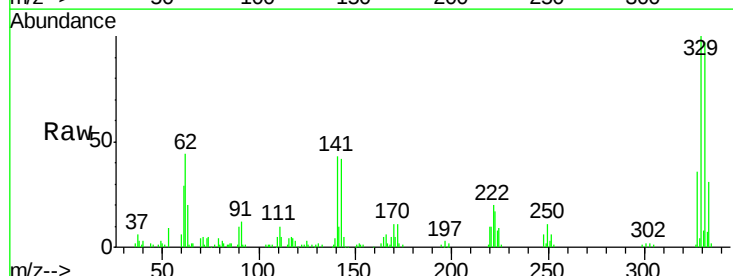
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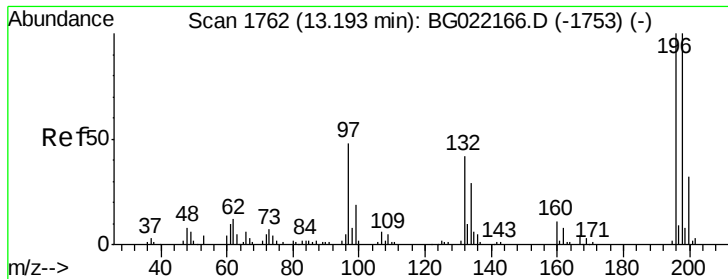
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#41
2,4,6-Tribromophenol
Concen: 95.33 ng
RT: 16.17 min Scan# 2270
Delta R.T. -0.04 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Tgt Ion:	330	Resp:	78357
Ion Ratio	Lower	Upper	
330	100		
332	97.4	78.0	117.0
141	45.1	33.8	50.8





#42

2,4,6-Trichlorophenol

Concen: 35.80 ng

RT: 13.13 min Scan# 1752

Delta R.T. -0.04 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

Instrument :

BNA_G

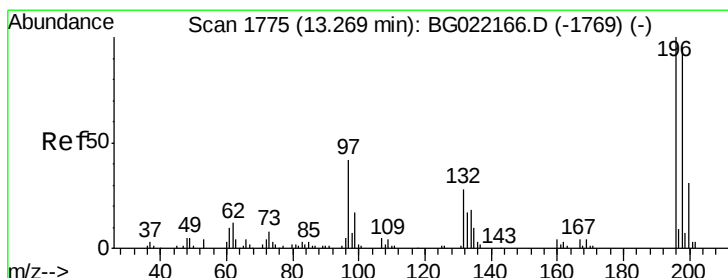
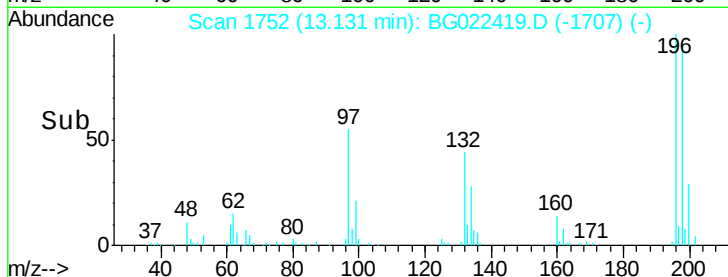
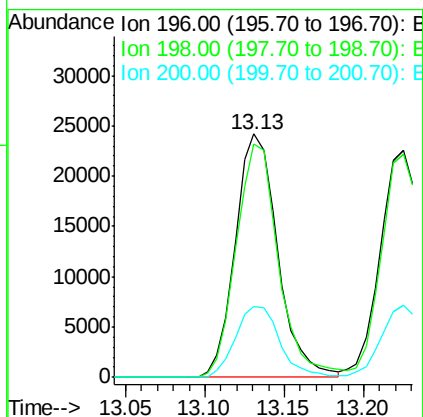
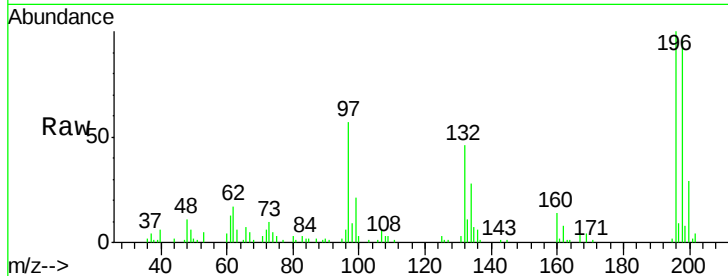
ClientSampleId :

PB91233BS

Tot Ion:	196	Resp:	44975
Ion Ratio	Lower	Upper	
196	100		
198	96.0	80.1	120.1
200	29.3	24.1	36.1

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#43

2,4,5-Trichlorophenol

Concen: 34.11 ng

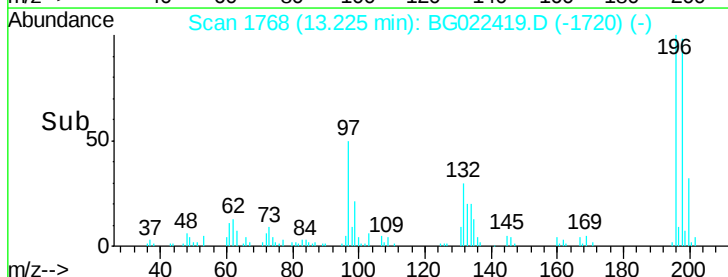
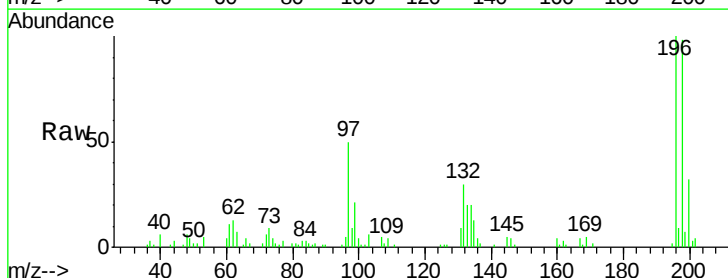
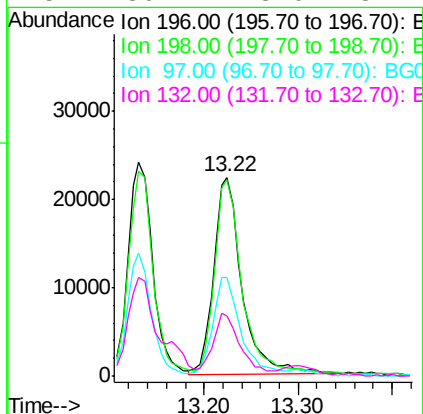
RT: 13.22 min Scan# 1768

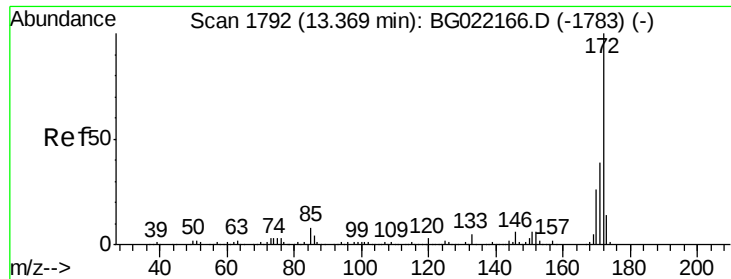
Delta R.T. -0.02 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

Tgt Ion:	196	Resp:	47332
Ion Ratio	Lower	Upper	
196	100		
198	98.5	78.0	117.0
97	49.7	43.0	64.6
132	30.1	23.0	34.4





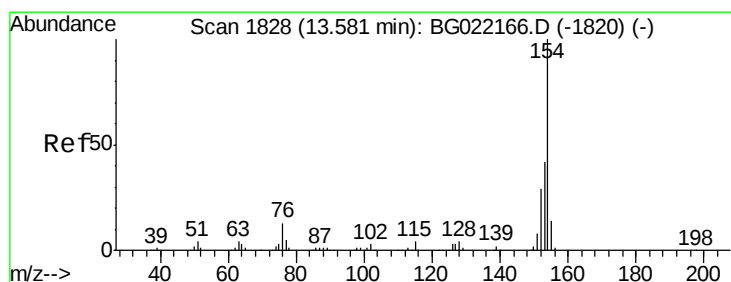
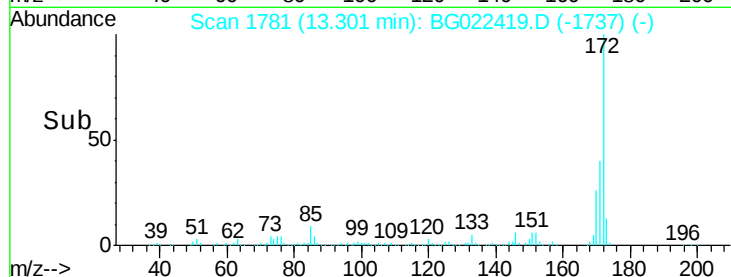
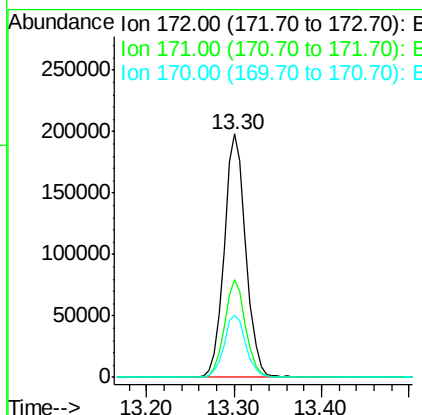
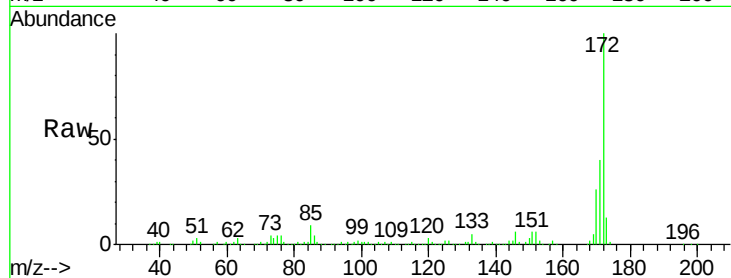
#44
2-Fluorobiphenyl
Concen: 70.06 ng
RT: 13.30 min Scan# 1781
Delta R.T. -0.04 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Instrument :
BNA_G
ClientSampled :
PB91233BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.0	27.8	41.6
170	25.5	19.6	29.4

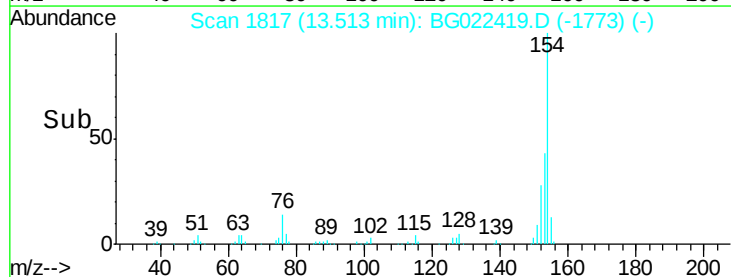
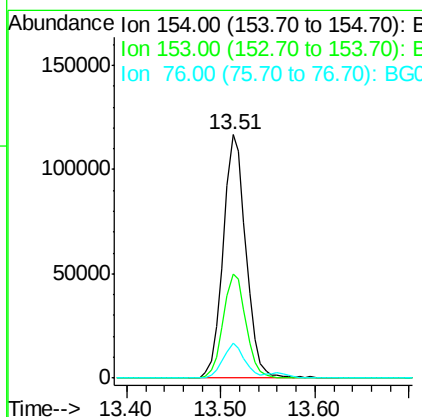
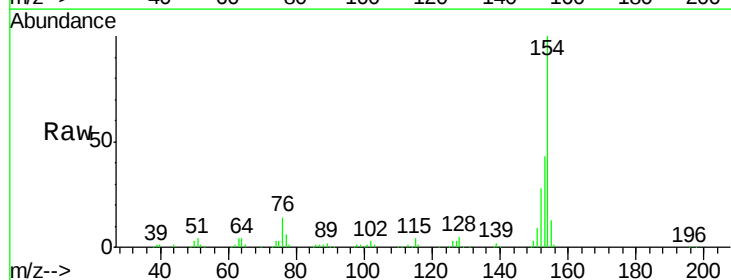
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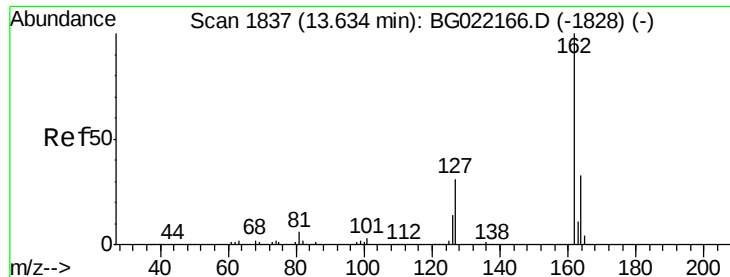
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#45
1,1'-Biphenyl
Concen: 35.94 ng
RT: 13.51 min Scan# 1817
Delta R.T. -0.04 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.8	19.7	59.7
76	14.4	0.0	33.0





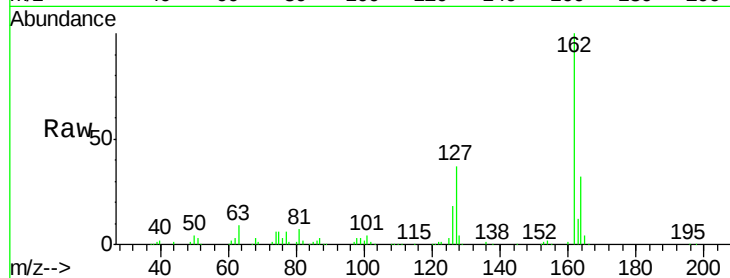
#46
2-Chloronaphthalene
Concen: 36.34 ng
RT: 13.56 min Scan# 1825
Delta R.T. -0.05 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Instrument :
BNA_G
ClientSampleId :
PB91233BS

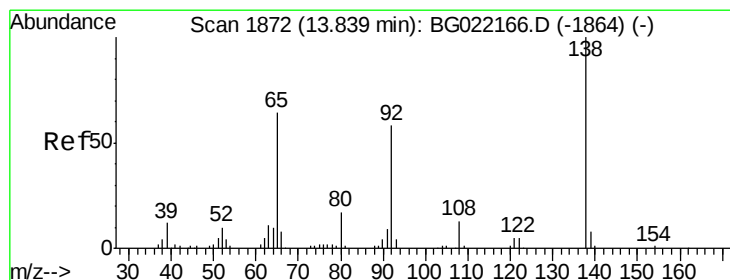
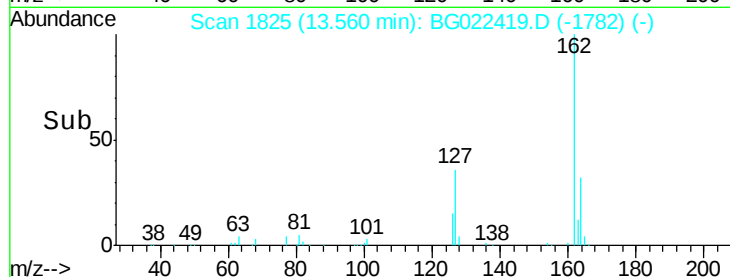
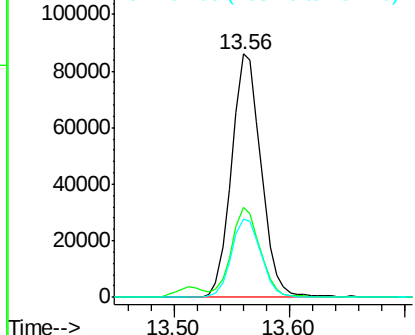
Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	37.2	32.0	48.0
164	32.1	27.0	40.4

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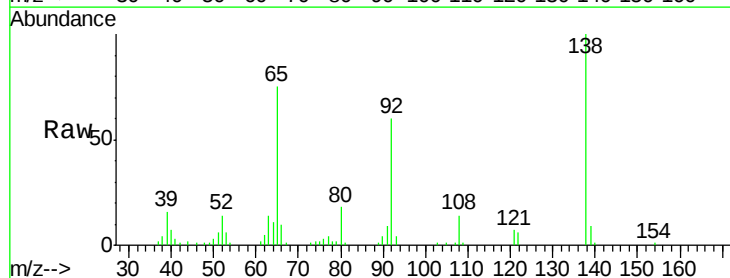


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

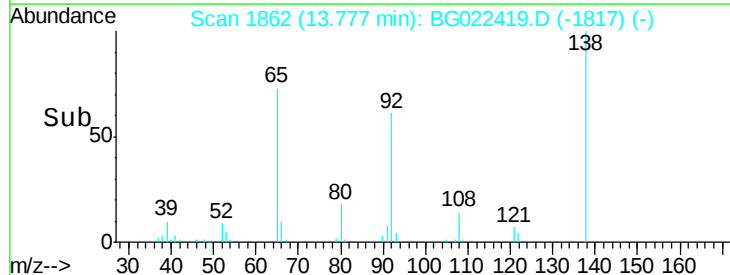
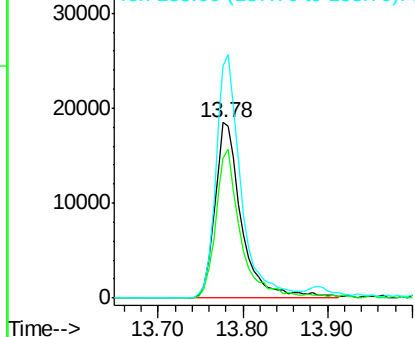


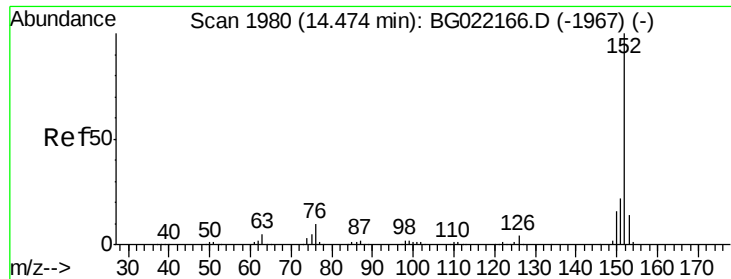
#47
2-Nitroaniline
Concen: 40.70 ng
RT: 13.78 min Scan# 1862
Delta R.T. -0.04 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	80.0	49.2	73.8#
138	132.5	75.0	112.6#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 36.03 ng

RT: 14.41 min Scan# 1969

Delta R.T. -0.04 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

Instrument :

BNA_G

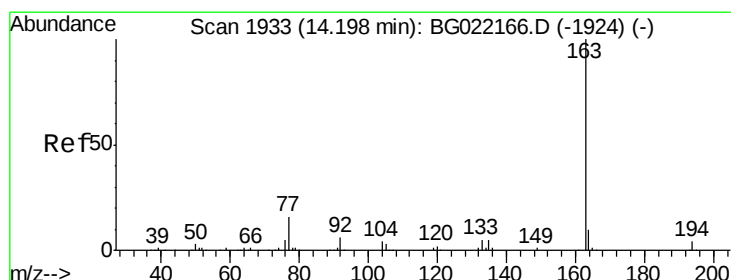
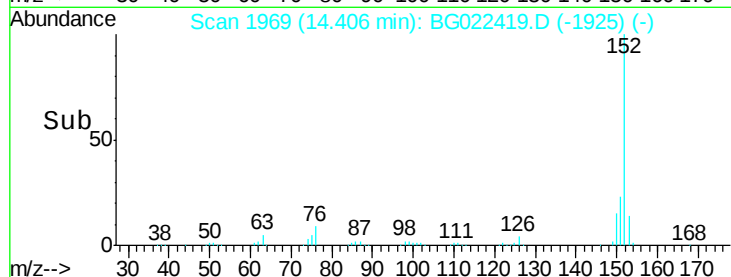
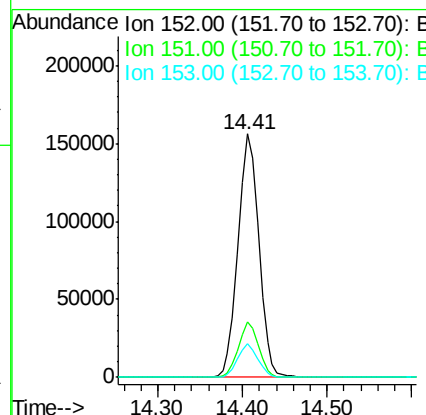
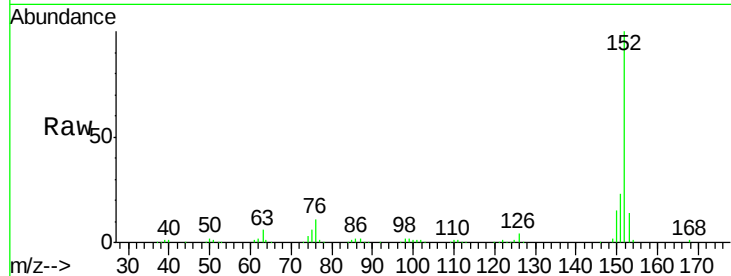
ClientSampleId :

PB91233BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.7	16.6	24.8
153	13.8	10.2	15.2

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#49

Dimethylphthalate

Concen: 34.48 ng

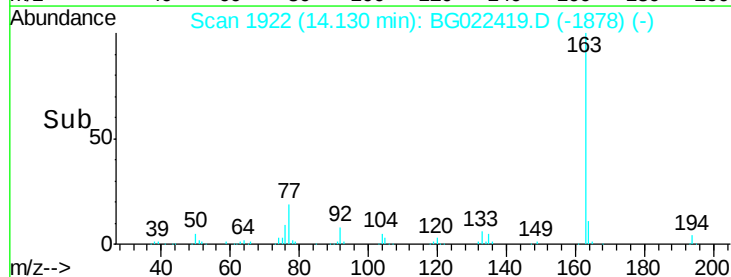
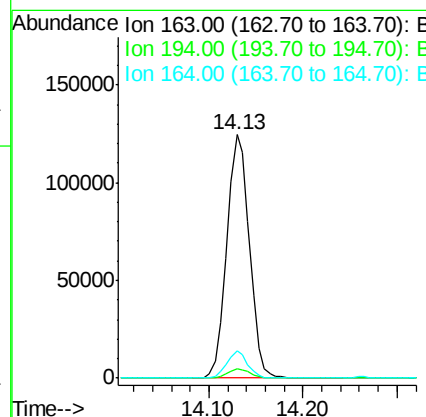
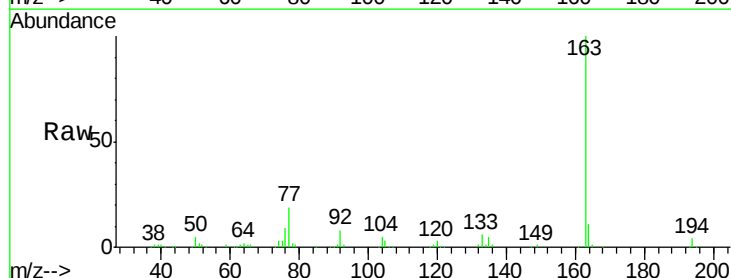
RT: 14.13 min Scan# 1922

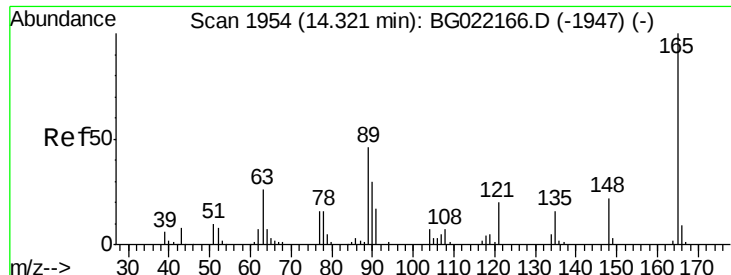
Delta R.T. -0.04 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	11.0	8.1	12.1





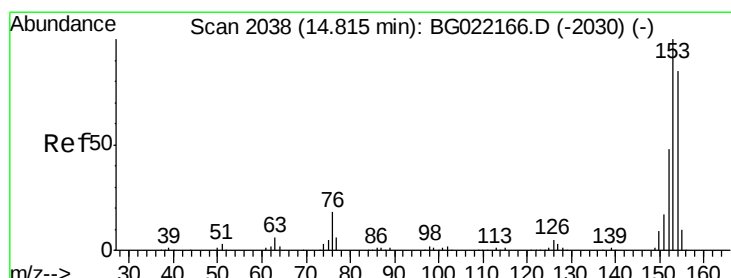
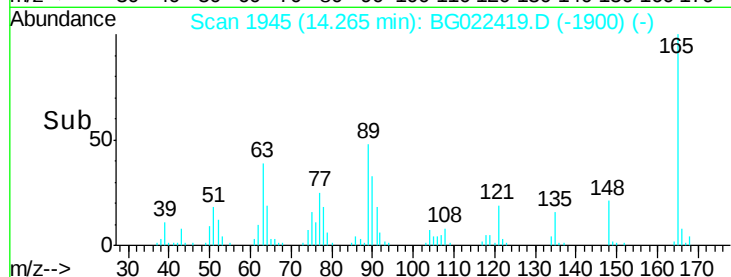
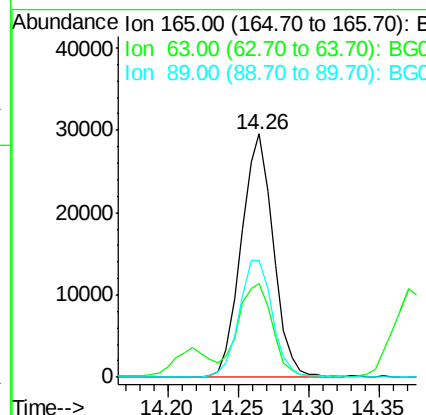
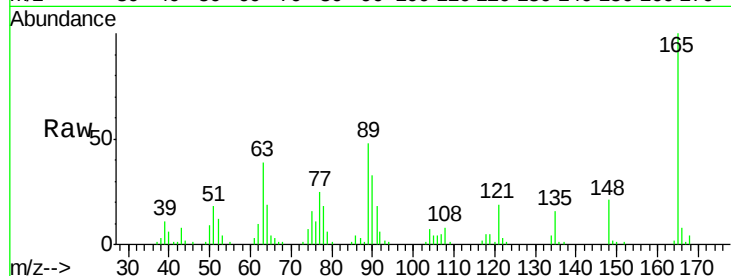
#50
2,6-Dinitrotoluene
Concen: 35.80 ng
RT: 14.26 min Scan# 1945
Delta R.T. -0.04 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Instrument :
BNA_G
ClientSampleId :
PB91233BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	46941		
63	38.7	48.2	72.4#	
89	48.0	45.3	67.9	

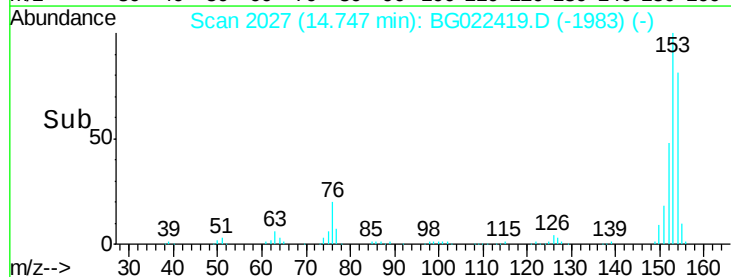
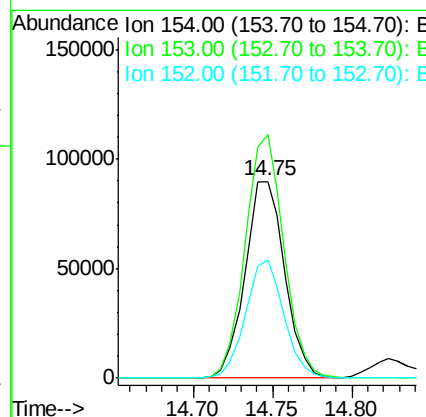
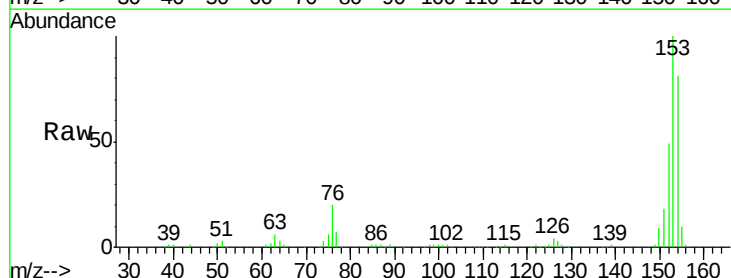
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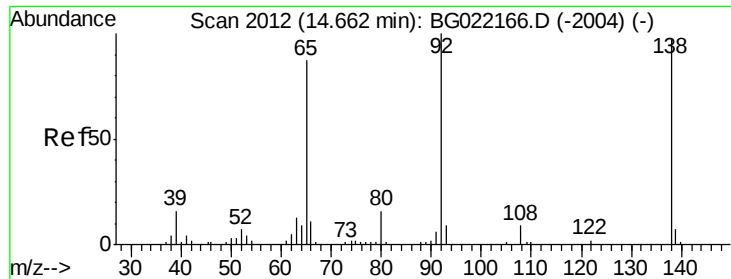
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#51
Acenaphthene
Concen: 35.32 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.04 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	155784		
153	123.8	91.9	137.9	
152	60.3	42.0	63.0	





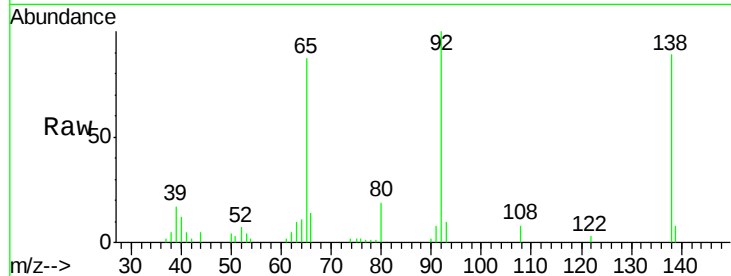
#52
3-Nitroaniline
Concen: 18.94 ng
RT: 14.61 min Scan# 2004
Delta R.T. -0.02 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Instrument :
BNA_G
ClientSampleId :
PB91233BS

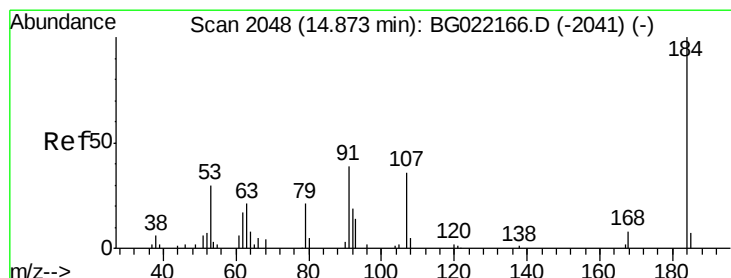
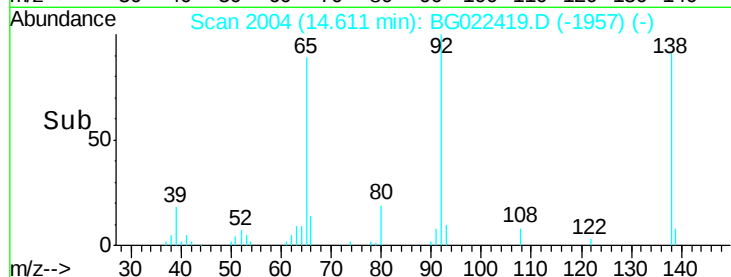
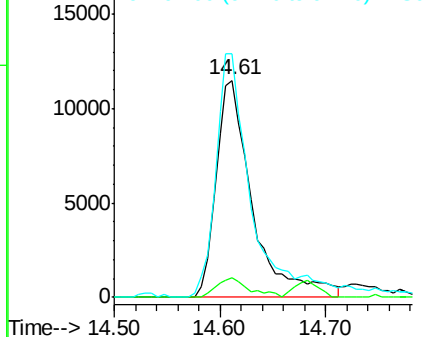
Tot Ion	Ratio	Lower	Upper
138	100		
108	8.8	9.1	13.7#
92	112.2	102.6	154.0

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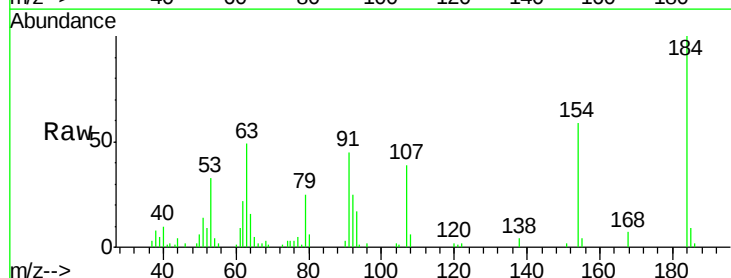


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

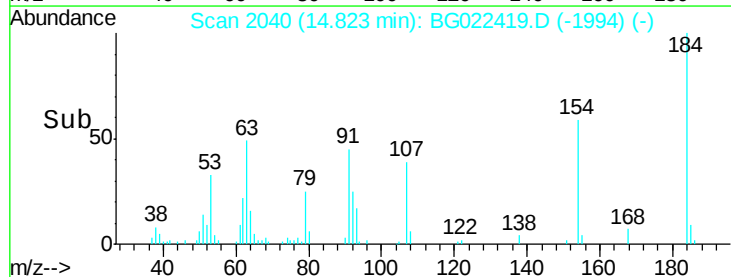
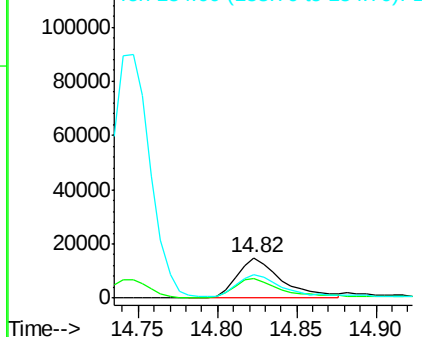


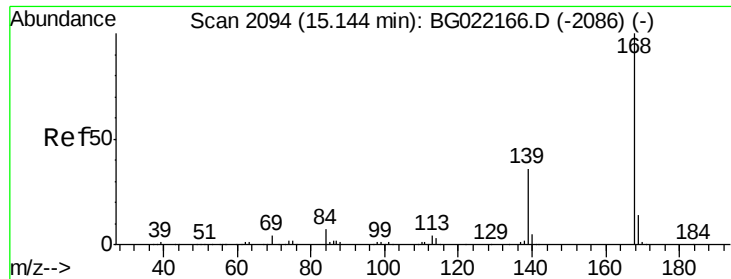
#53
2,4-Dinitrophenol
Concen: 58.35 ng
RT: 14.82 min Scan# 2040
Delta R.T. -0.03 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Tgt Ion	Ratio	Lower	Upper
184	100		
63	48.8	57.3	85.9#
154	58.6	55.2	82.8



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





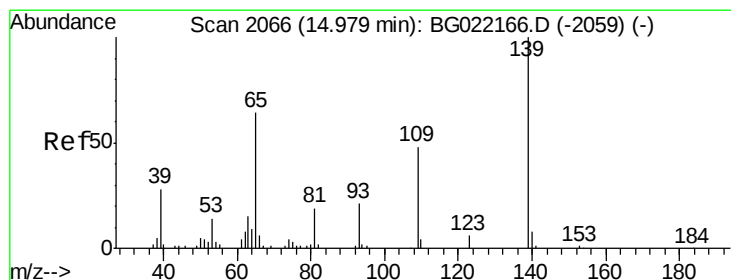
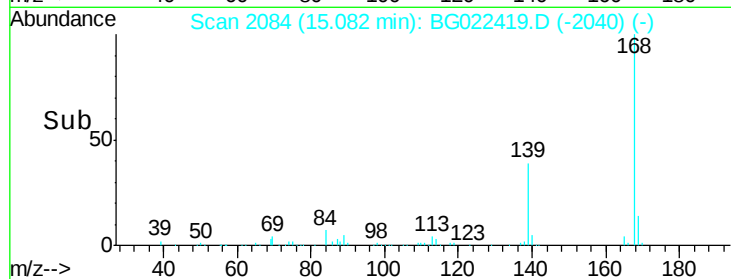
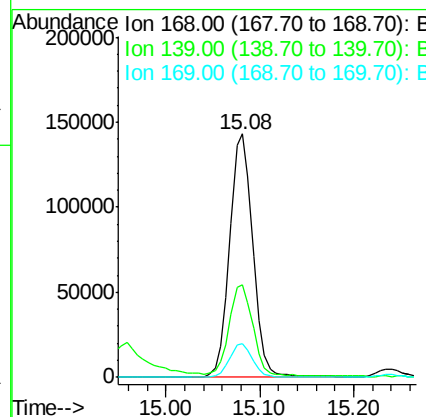
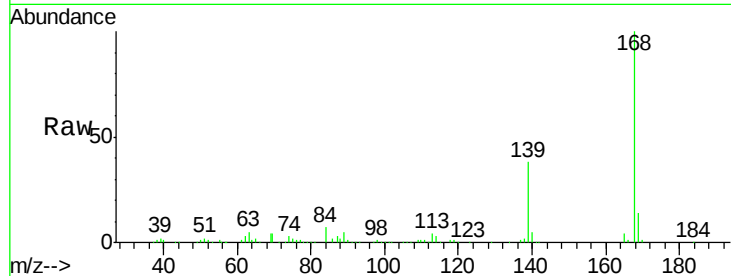
#54
Dibenzenofuran
Concen: 35.68 ng
RT: 15.08 min Scan# 2084
Delta R.T. -0.04 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Instrument :
BNA_G
ClientSampleId :
PB91233BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	245656		
139	38.3		31.1	46.7
169	13.6		11.0	16.6

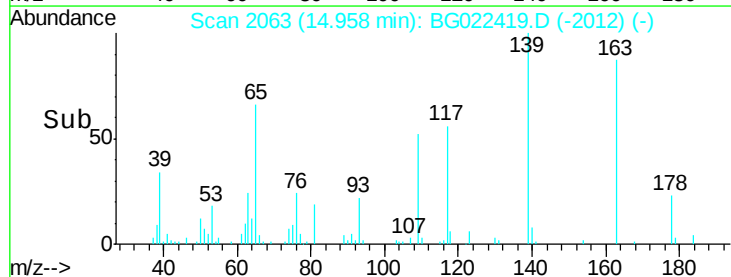
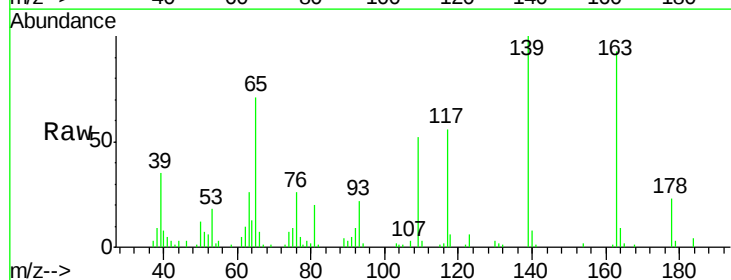
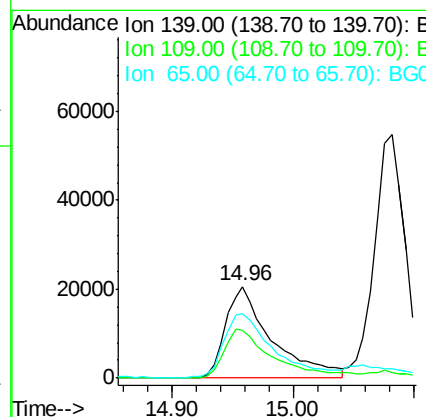
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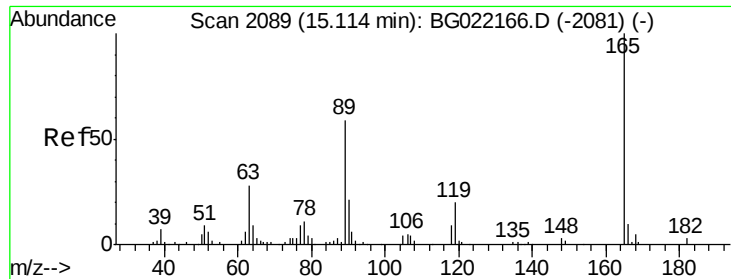
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#55
4-Nitrophenol
Concen: 53.81 ng
RT: 14.96 min Scan# 2063
Delta R.T. -0.00 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	54004		
109	52.4		49.2	89.2
65	70.6		83.2	123.2#





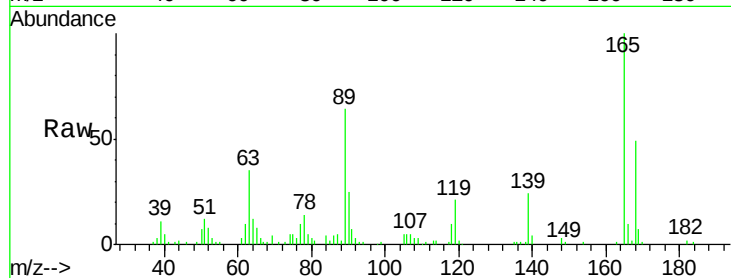
#56
2,4-Dinitrotoluene
Concen: 37.10 ng
RT: 15.06 min Scan# 2080
Delta R.T. -0.04 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Instrument :
BNA_G
ClientSampleId :
PB91233BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	65245		
63	34.9		37.4	56.0#
89	63.6		59.4	89.0
182	2.5		2.1	3.1

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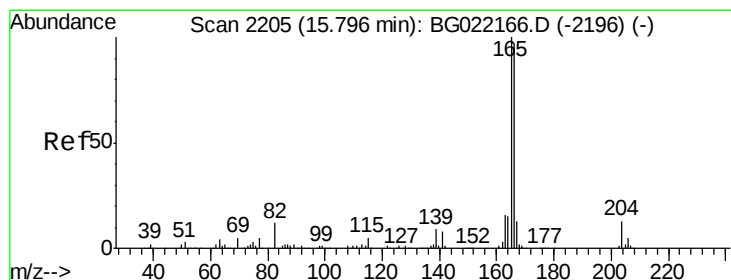
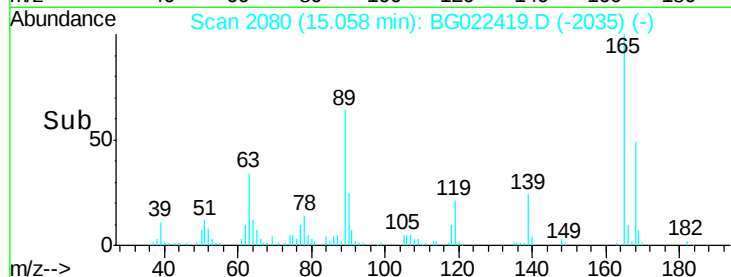
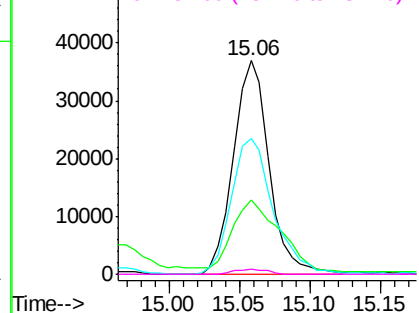


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

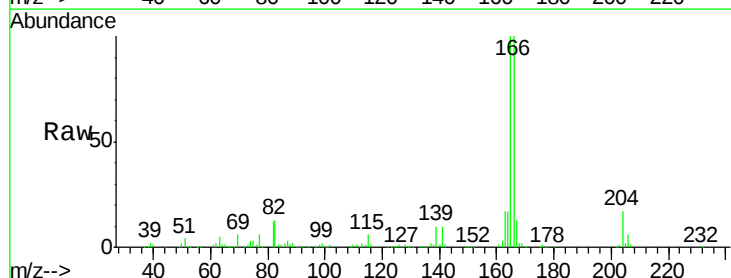
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 34.94 ng
RT: 15.73 min Scan# 2194
Delta R.T. -0.04 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

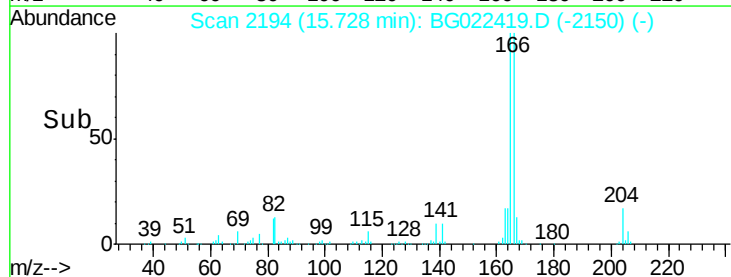
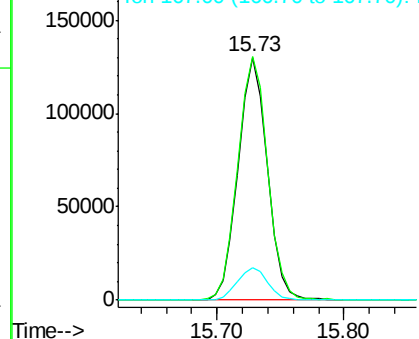
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	207202		
165	100.2		79.0	118.4
167	13.5		10.7	16.1

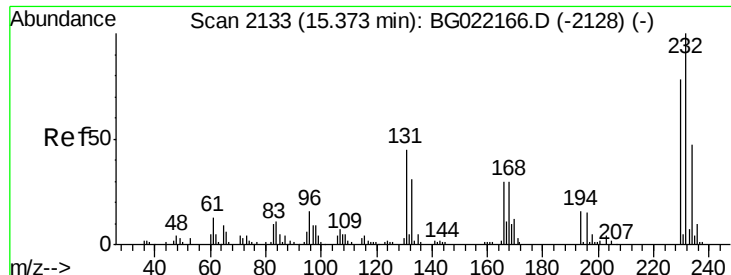


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





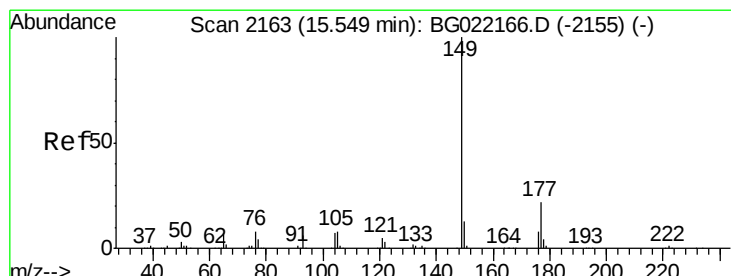
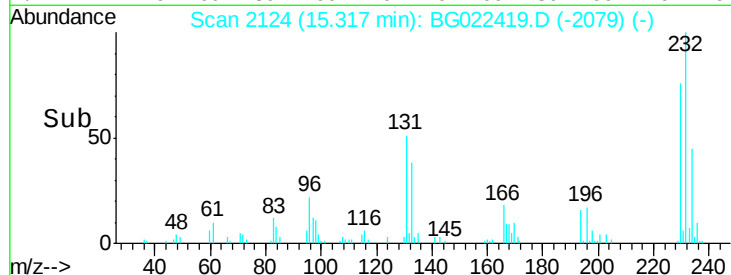
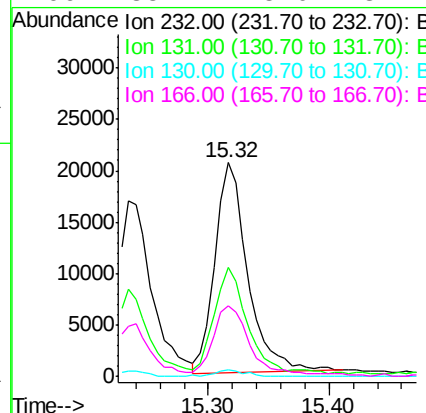
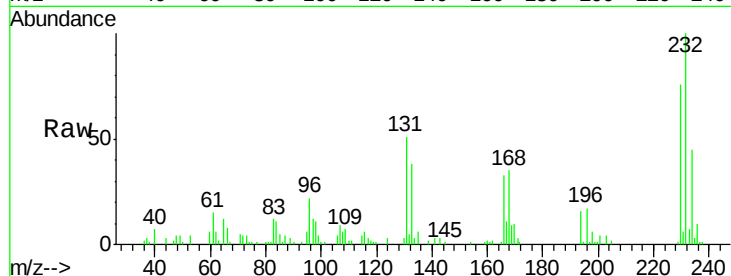
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 30.85 ng
 RT: 15.32 min Scan# 2124
 Delta R.T. -0.04 min
 Lab File: BG022419.D
 Acq: 18 Jun 2016 12:00

Instrument :
 BNA_G
 ClientSampleId :
 PB91233BS

Tot Ion:	232	Resp:	38398
Ion Ratio	Lower	Upper	
232	100		
131	47.6	36.3	54.5
130	2.8	1.9	2.9
166	35.1	25.0	37.4

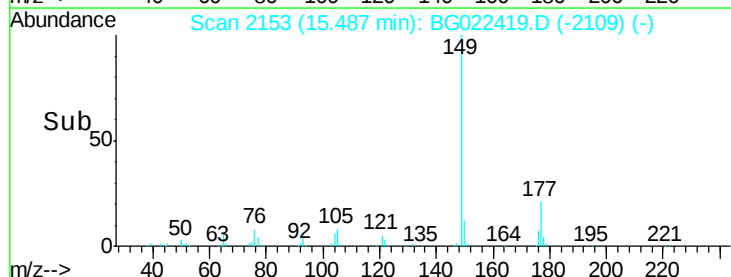
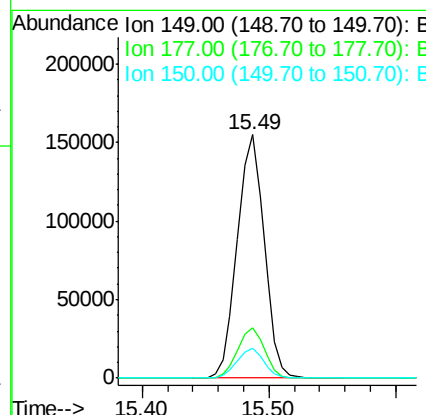
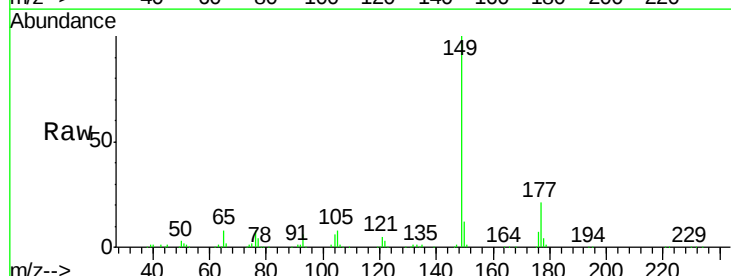
Manual Integrations
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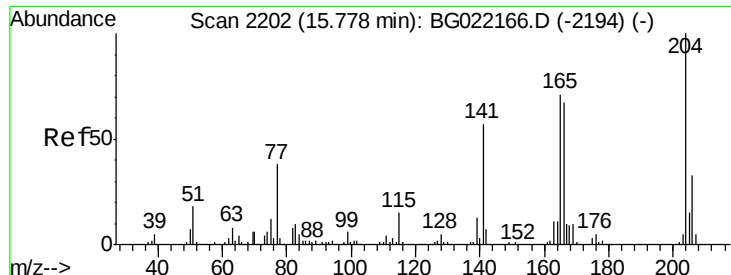
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#59
 Diethylphthalate
 Concen: 35.38 ng
 RT: 15.49 min Scan# 2153
 Delta R.T. -0.04 min
 Lab File: BG022419.D
 Acq: 18 Jun 2016 12:00

Tgt Ion:	149	Resp:	227913
Ion Ratio	Lower	Upper	
149	100		
177	20.9	17.3	25.9
150	12.2	9.7	14.5





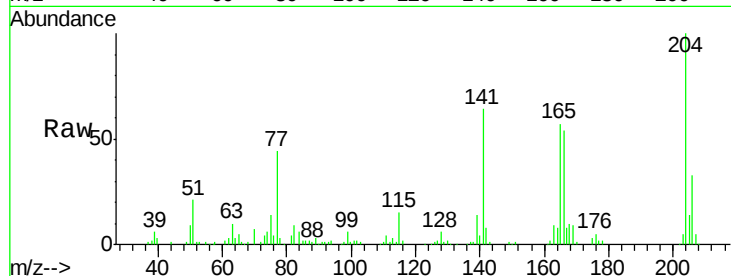
#60
4-Chlorophenyl-phenylether
Concen: 35.09 ng
RT: 15.71 min Scan# 2191
Delta R.T. -0.04 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Instrument :
BNA_G
ClientSampleId :
PB91233BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	27.8	41.8
141	64.1	51.0	76.4

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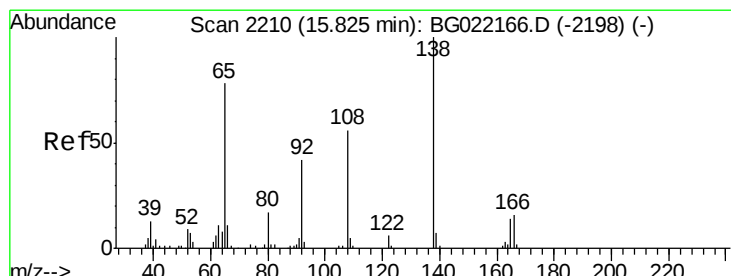
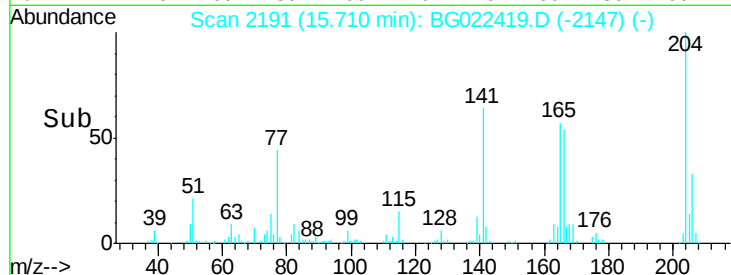
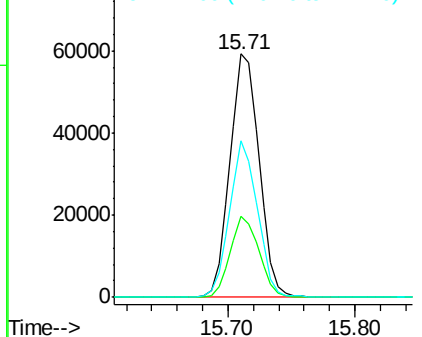


Abundance

Ion 204.00 (203.70 to 204.70): E

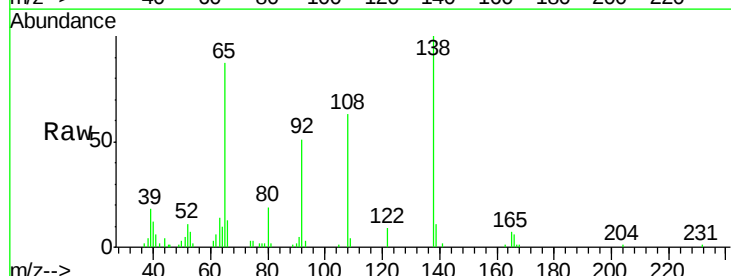
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61
4-Nitroaniline
Concen: 25.71 ng m
RT: 15.77 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.7	37.7	77.7
108	62.9	59.4	99.4

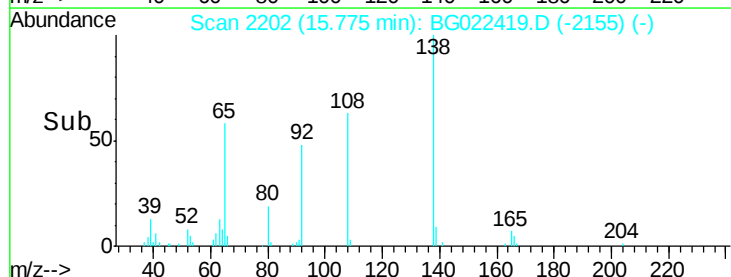
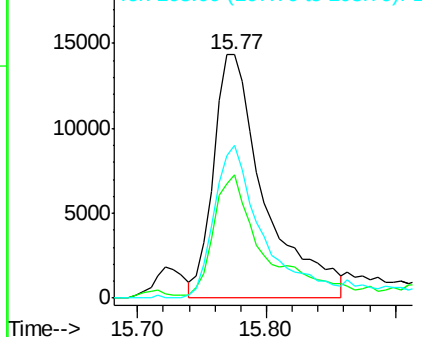


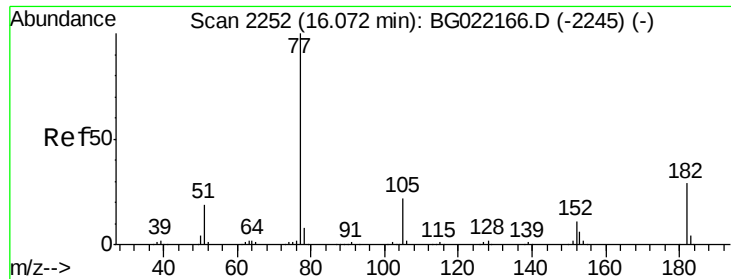
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): E

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 39.95 ng

RT: 16.01 min Scan# 2242

Delta R.T. -0.04 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

Instrument :

BNA_G

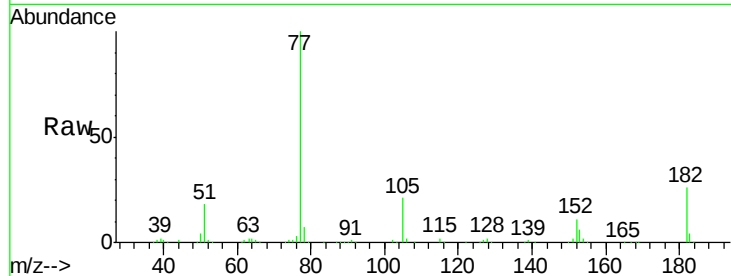
ClientSampleId :

PB91233BS

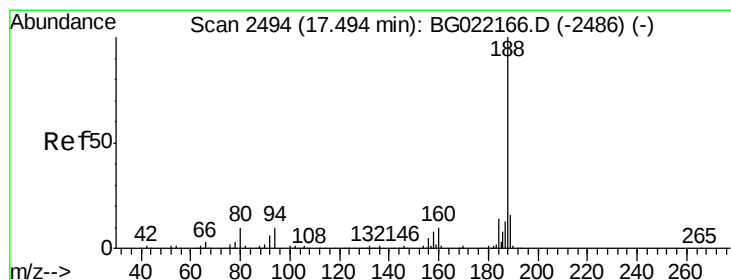
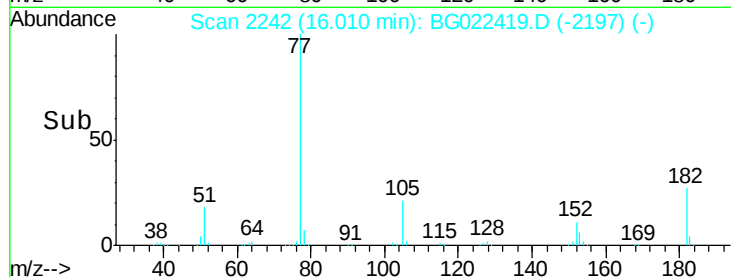
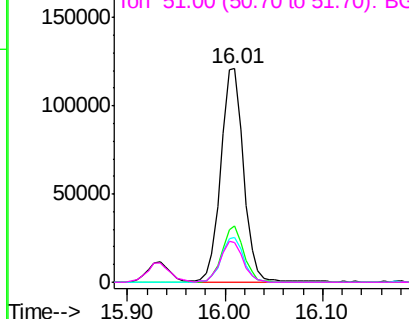
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		194898		
182	26.5	4.1	44.1		
105	21.2	0.0	39.8		
51	18.4	11.1	51.1		

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



#63

Phenanthrene-d10

Concen: 20.00 ng

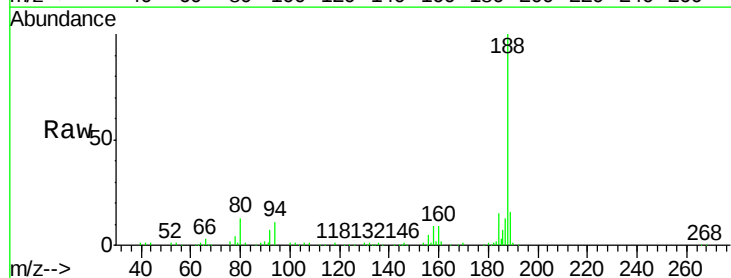
RT: 17.43 min Scan# 2483

Delta R.T. -0.04 min

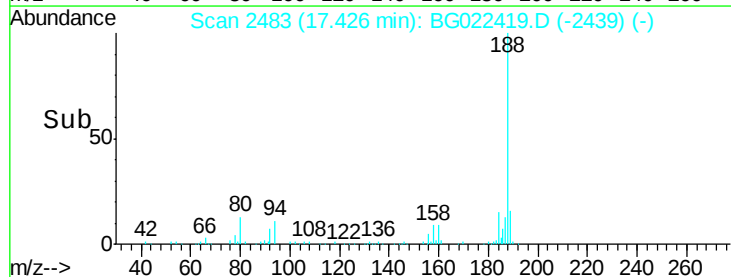
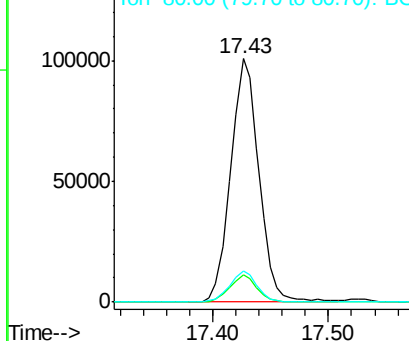
Lab File: BG022419.D

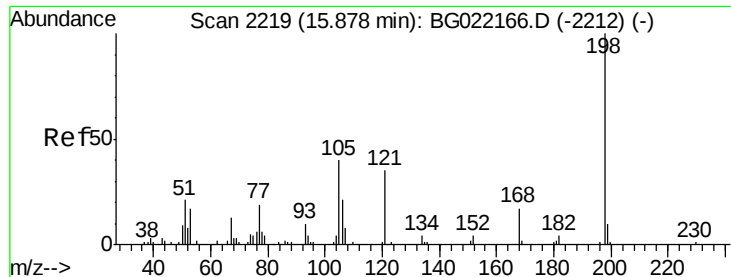
Acq: 18 Jun 2016 12:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		170904		
94	11.2	7.5	11.3		
80	12.5	8.6	13.0		



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#64

4,6-Dinitro-2-methylphenol

Concen: 34.45 ng

RT: 15.83 min Scan# 2211

Delta R.T. -0.03 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

Instrument :

BNA_G

ClientSampleId :

PB91233BS

Tot Ion:198 Resp: 28344

Ion Ratio Lower Upper

198 100

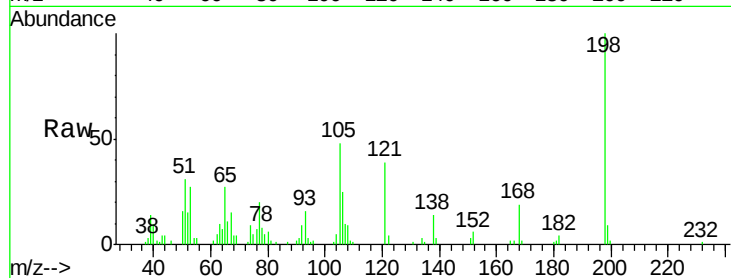
51 31.4 29.2 69.2

105 47.8 24.0 64.0

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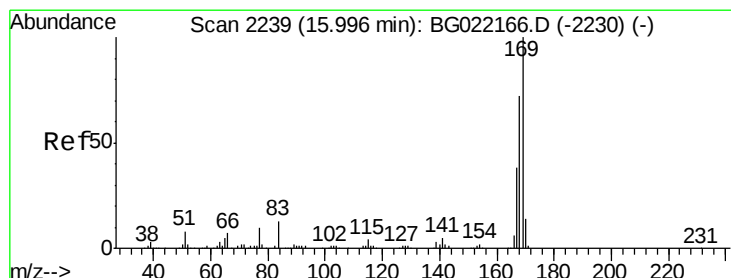
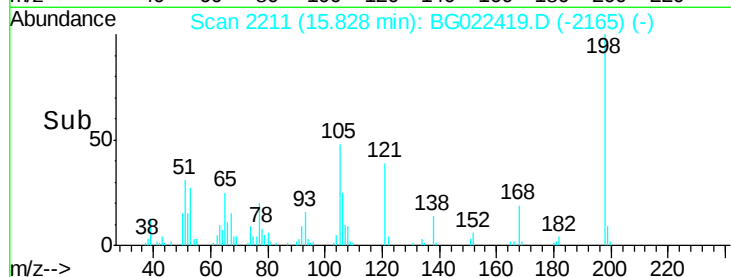
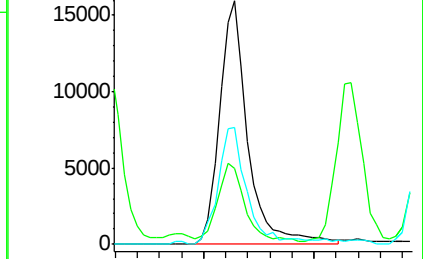
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 36.37 ng

RT: 15.93 min Scan# 2229

Delta R.T. -0.04 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

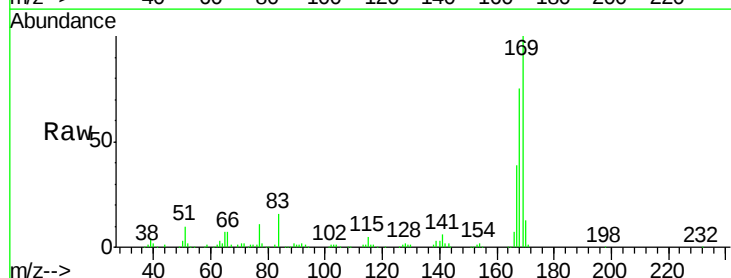
Tgt Ion:169 Resp: 179062

Ion Ratio Lower Upper

169 100

168 75.1 59.6 89.4

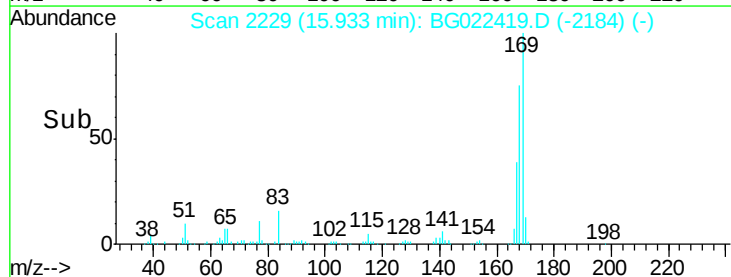
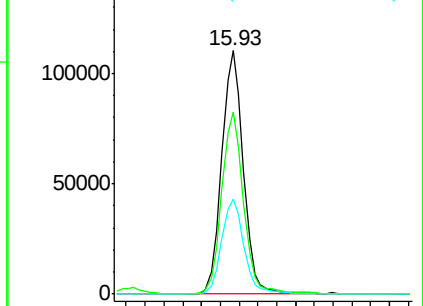
167 39.3 31.2 46.8

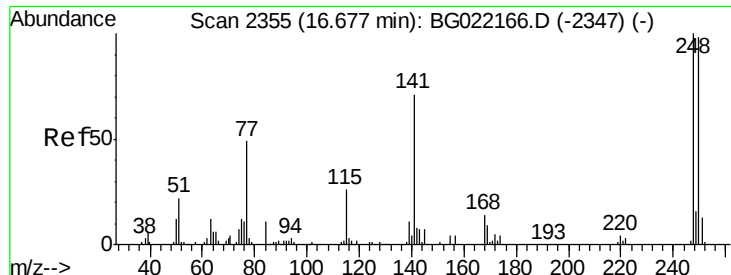


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





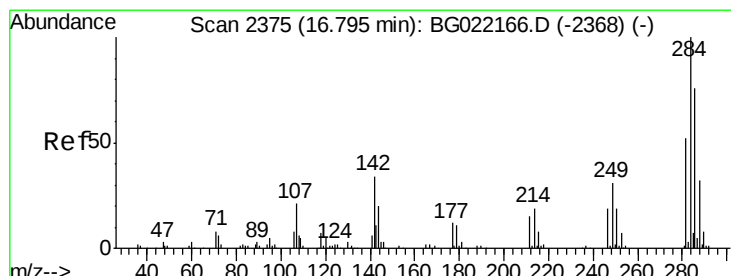
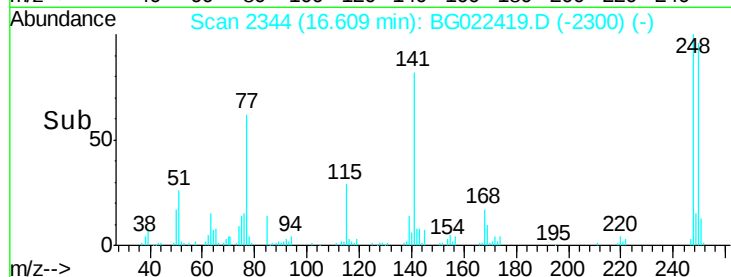
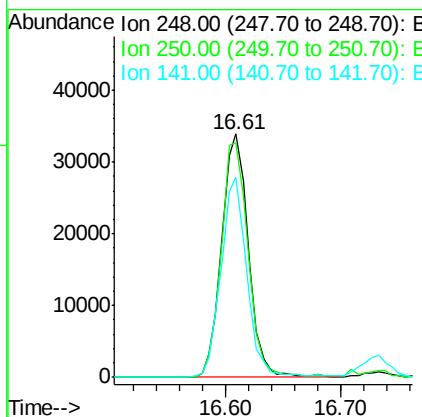
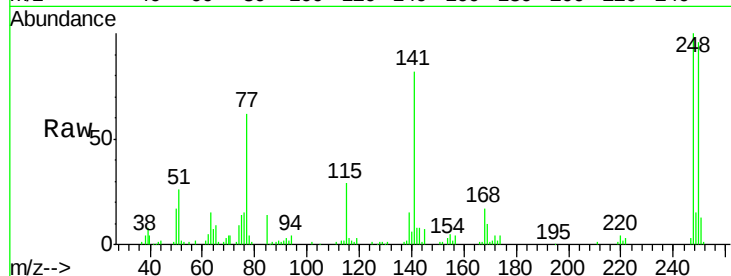
#66
4-Bromophenyl-phenylether
Concen: 33.94 ng
RT: 16.61 min Scan# 2344
Delta R.T. -0.04 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Instrument :
BNA_G
ClientSampleId :
PB91233BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.2	76.6	114.8
141	82.2	63.8	95.6

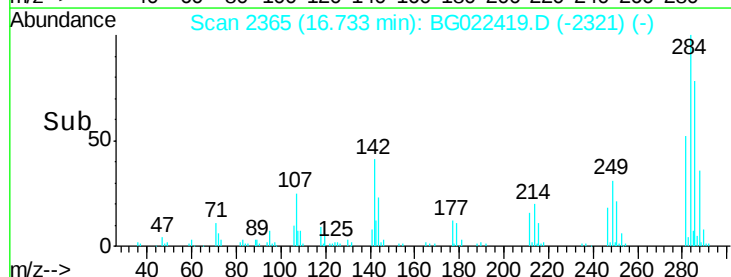
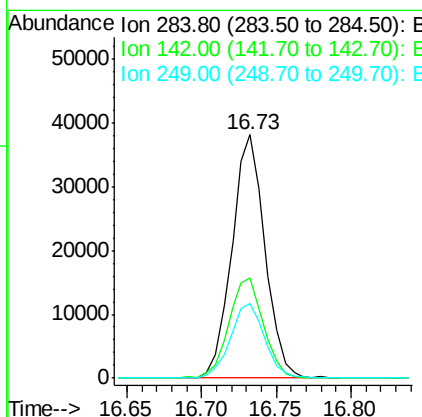
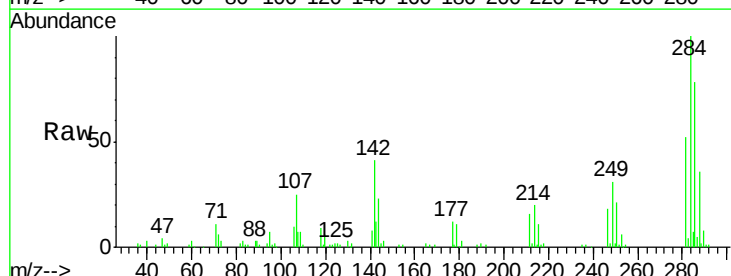
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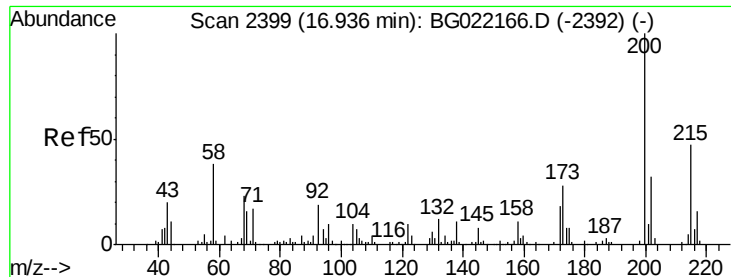
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#67
Hexachlorobenzene
Concen: 31.49 ng
RT: 16.73 min Scan# 2365
Delta R.T. -0.04 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	41.1	31.8	47.6
249	33.2	27.3	40.9





#68

Atrazine

Concen: 33.35 ng

RT: 16.87 min Scan# 2389

Delta R.T. -0.04 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

Instrument :

BNA_G

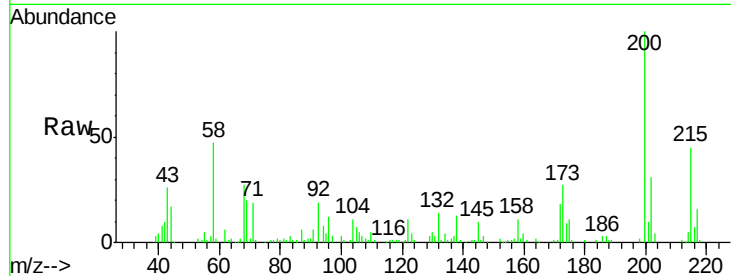
ClientSampleId :

PB91233BS

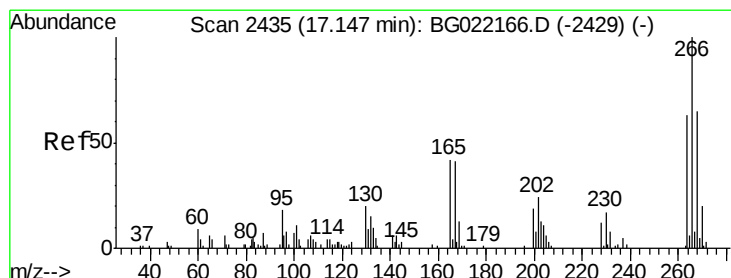
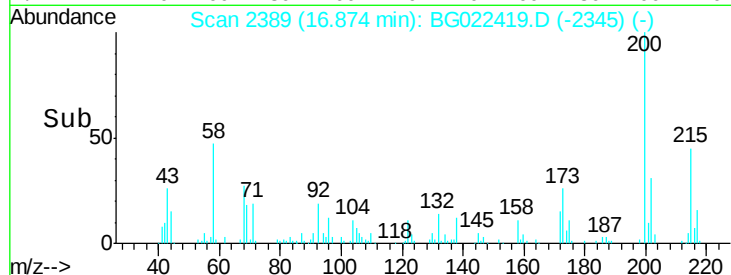
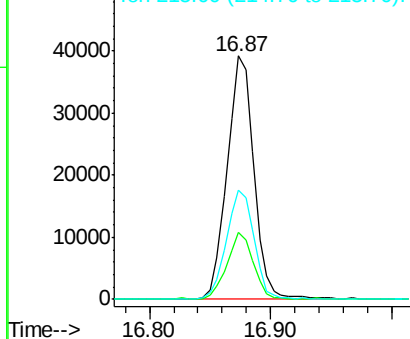
Tot Ion:	200	Resp:	60778
Ion Ratio	Lower	Upper	
200	100		
173	27.3	5.1	45.1
215	45.0	28.0	68.0

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



#69

Pentachlorophenol

Concen: 47.13 ng

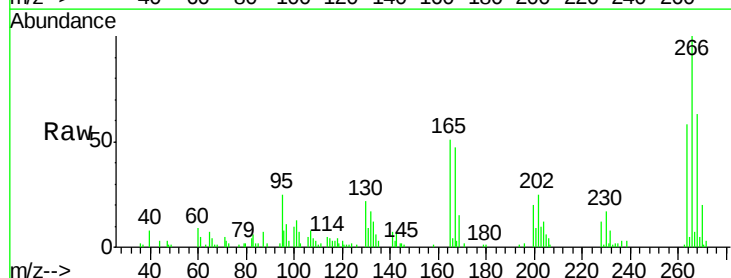
RT: 17.09 min Scan# 2426

Delta R.T. -0.03 min

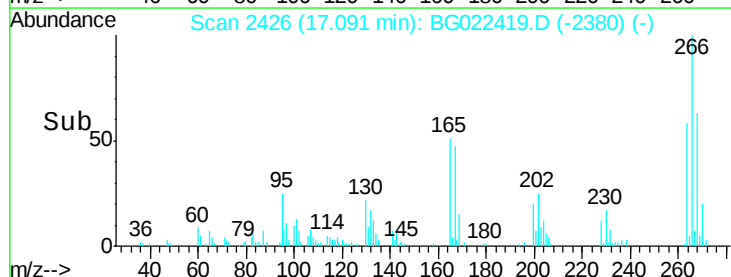
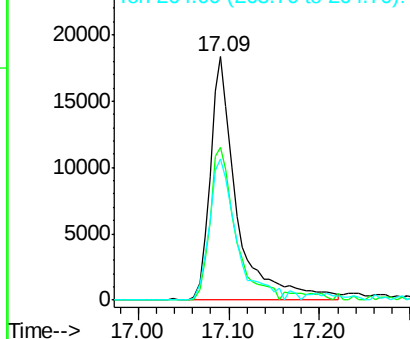
Lab File: BG022419.D

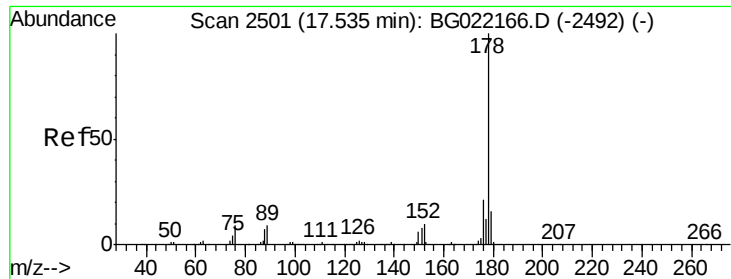
Acq: 18 Jun 2016 12:00

Tgt Ion:	266	Resp:	37308
Ion Ratio	Lower	Upper	
266	100		
268	67.8	54.5	81.7
264	63.1	53.8	80.6



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





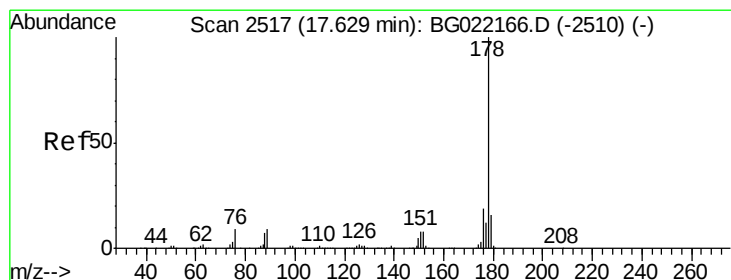
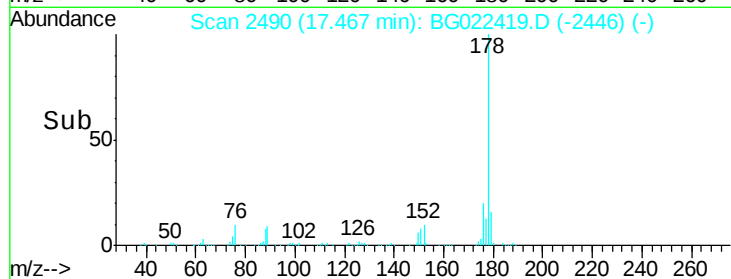
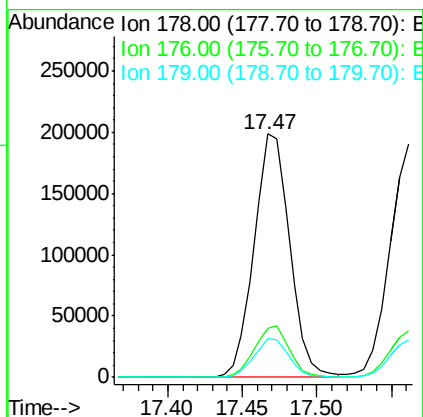
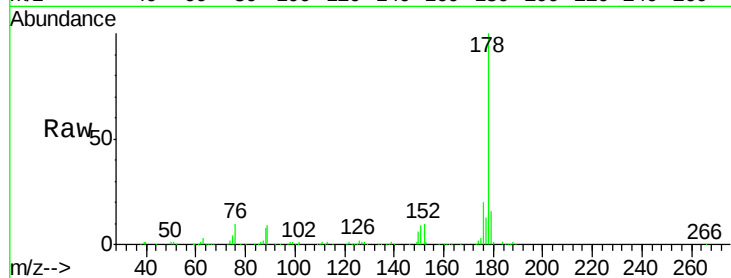
#70
Phenanthrene
Concen: 35.35 ng
RT: 17.47 min Scan# 2490
Delta R.T. -0.04 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Instrument :
BNA_G
ClientSampled :
PB91233BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	15.7	12.0	18.0

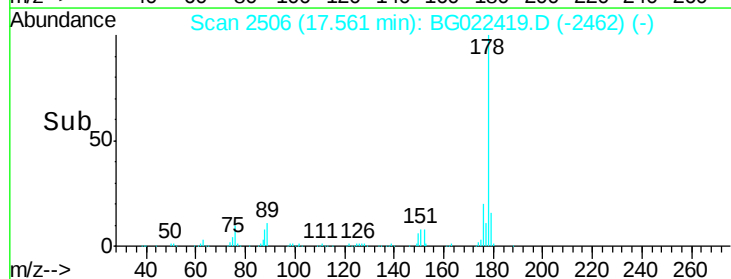
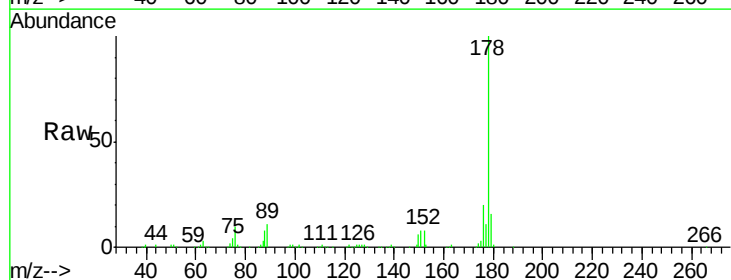
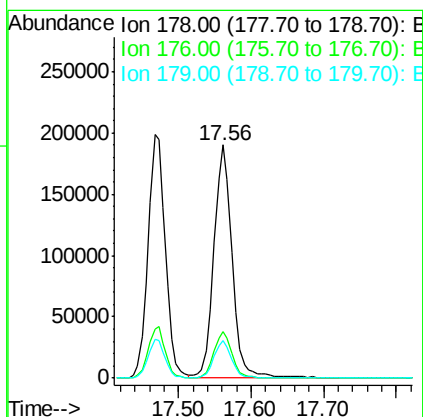
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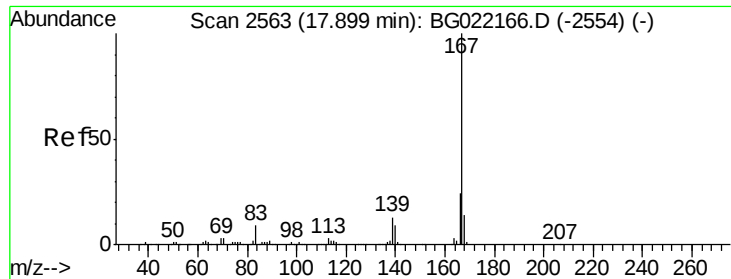
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#71
Anthracene
Concen: 35.99 ng
RT: 17.56 min Scan# 2506
Delta R.T. -0.04 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.0	22.4
179	16.1	12.2	18.4





#72

Carbazole

Concen: 34.50 ng

RT: 17.84 min Scan# 2553

Delta R.T. -0.04 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

Instrument :

BNA_G

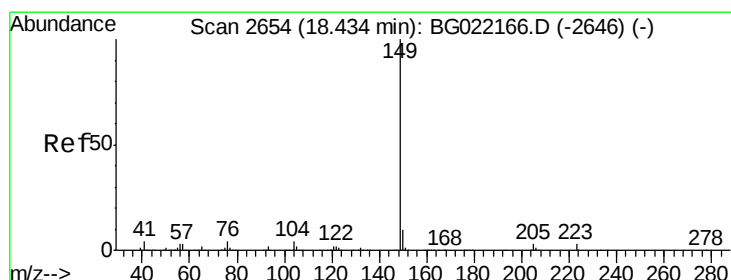
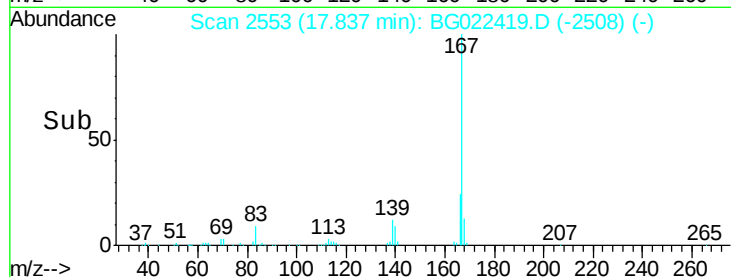
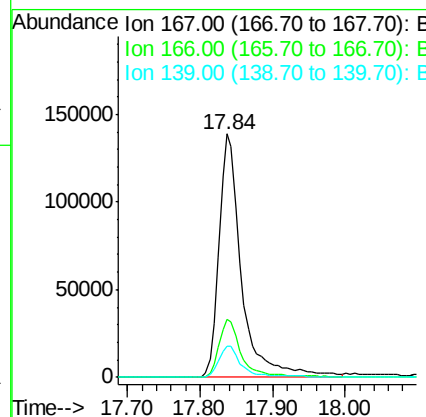
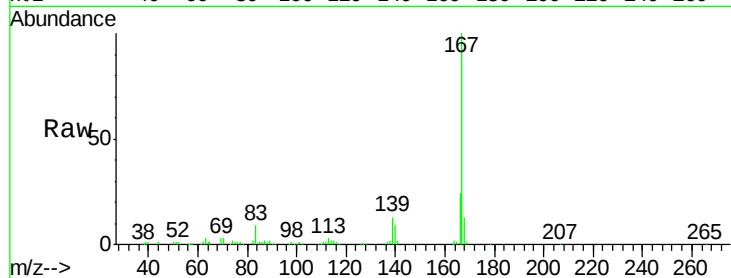
ClientSampleId :

PB91233BS

Tot Ion:	167	Resp:	300782
Ion Ratio	Lower	Upper	
167	100		
166	23.6	18.6	27.8
139	12.9	10.6	15.8

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#73

Di-n-butylphthalate

Concen: 37.24 ng

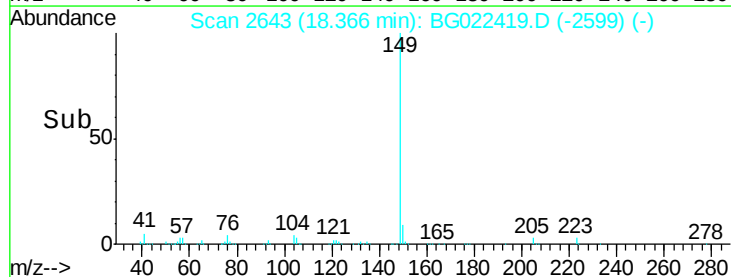
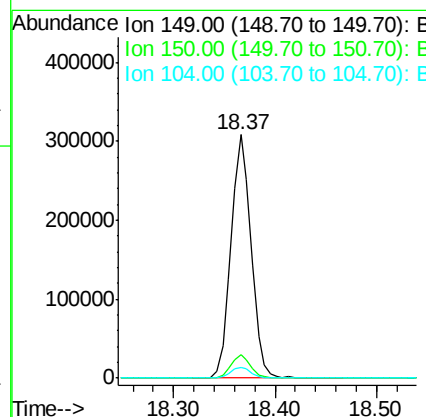
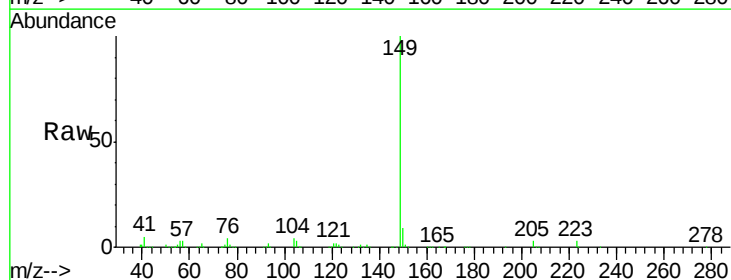
RT: 18.37 min Scan# 2643

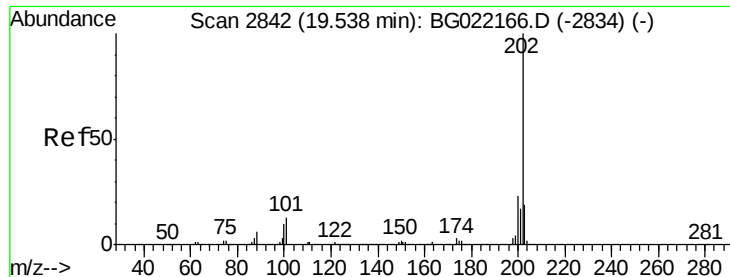
Delta R.T. -0.04 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

Tgt Ion:	149	Resp:	424513
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.4	11.0
104	4.4	4.0	6.0





#74

Fluoranthene

Concen: 34.76 ng

RT: 19.47 min Scan# 2831

Delta R.T. -0.04 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

Instrument :

BNA_G

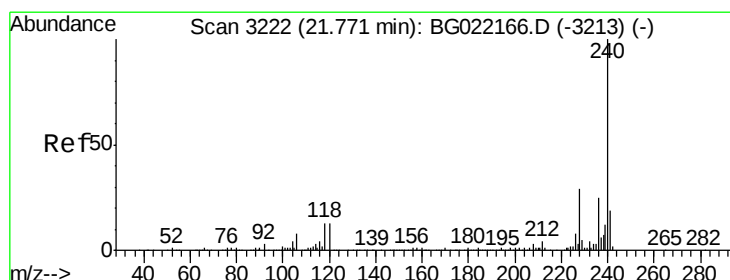
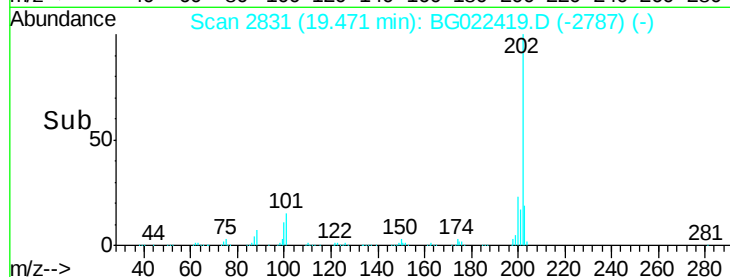
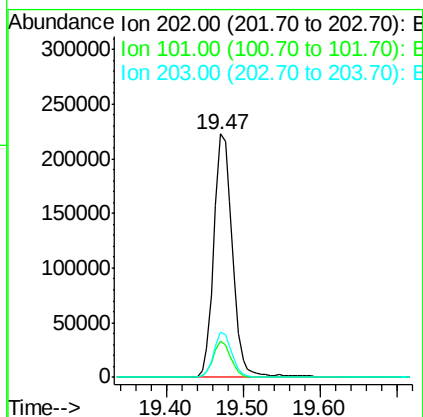
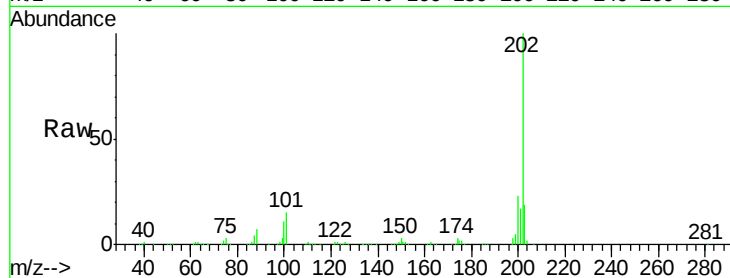
ClientSampleId :

PB91233BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		370904		
101	15.0	0.0	31.0		
203	18.6	0.0	37.9		

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#75

Chrysene-d12

Concen: 20.00 ng

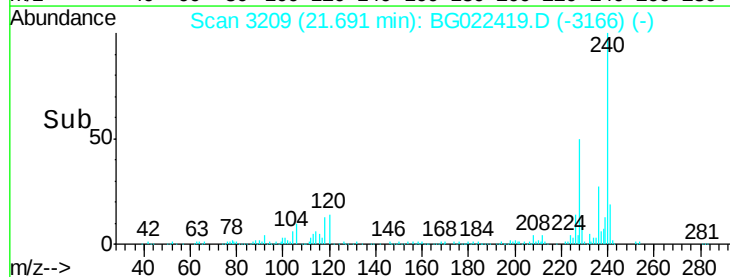
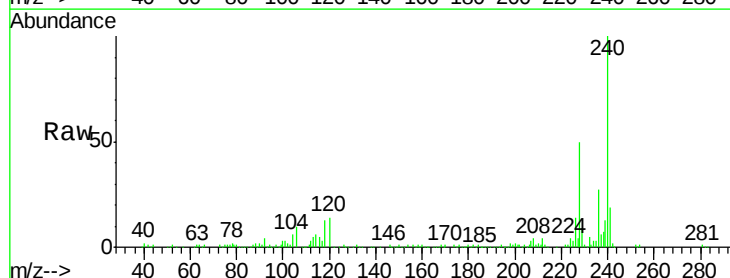
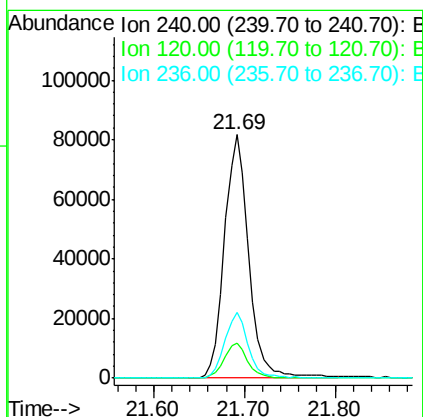
RT: 21.69 min Scan# 3209

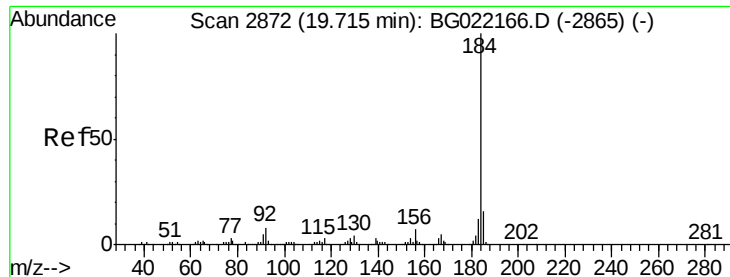
Delta R.T. -0.05 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		152359		
120	14.5	8.4	12.6#		
236	26.7	19.6	29.4		





#76

Benzidine

Concen: 18.53 ng

RT: 19.67 min Scan# 2865

Delta R.T. -0.02 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

Instrument :

BNA_G

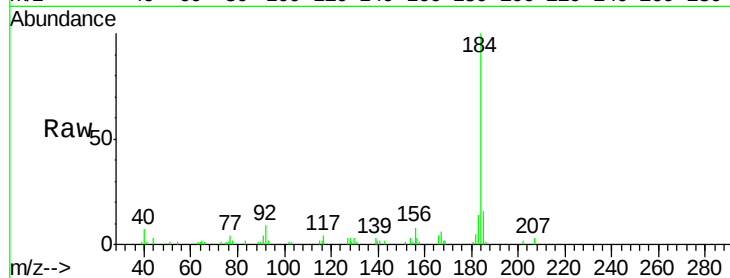
ClientSampleId :

PB91233BS

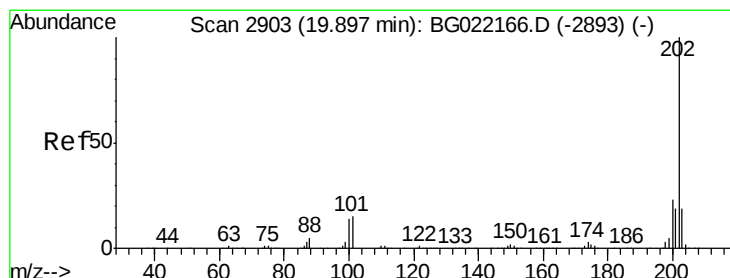
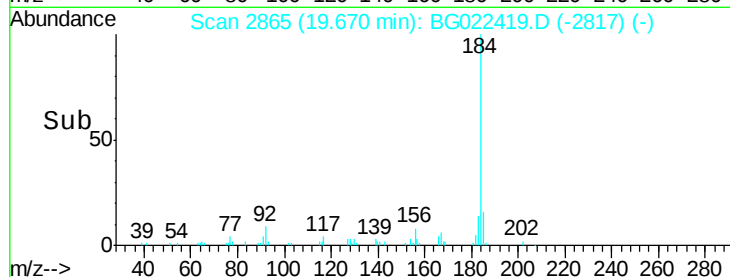
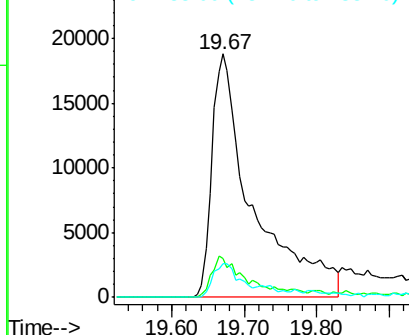
Tot Ion:	184	Resp:	73817
Ion Ratio	Lower	Upper	
184	100		
185	15.9	11.5	17.3
183	13.7	10.2	15.4

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 38.76 ng

RT: 19.83 min Scan# 2893

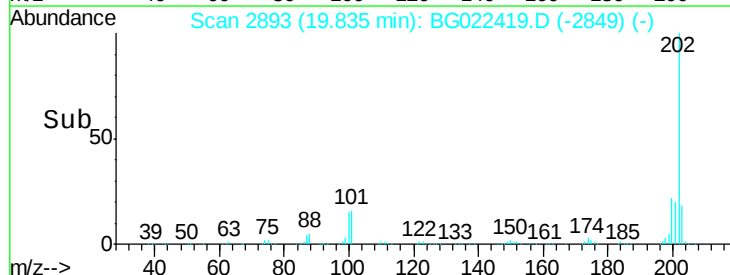
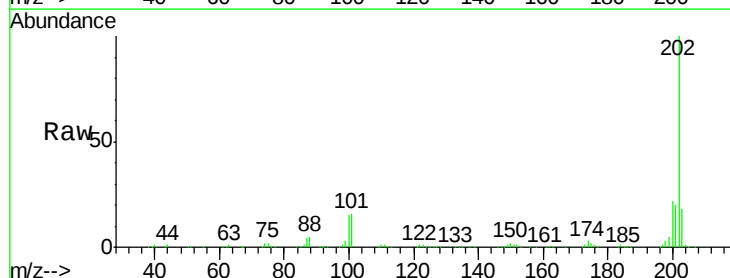
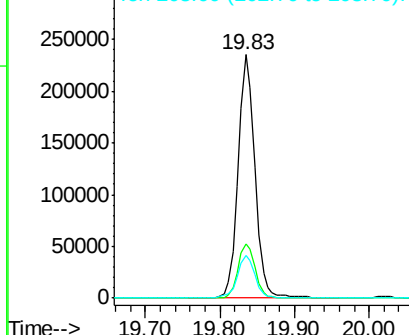
Delta R.T. -0.04 min

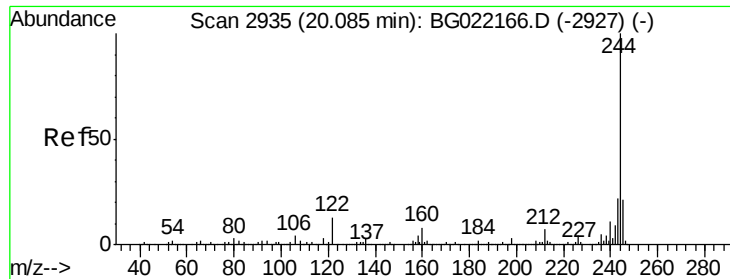
Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

Tgt Ion:	202	Resp:	367121
Ion Ratio	Lower	Upper	
202	100		
200	22.2	18.2	27.2
203	17.5	15.0	22.4

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





#78

Terphenyl-d14

Concen: 73.38 ng

RT: 20.02 min Scan# 2925

Delta R.T. -0.04 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

Instrument :

BNA_G

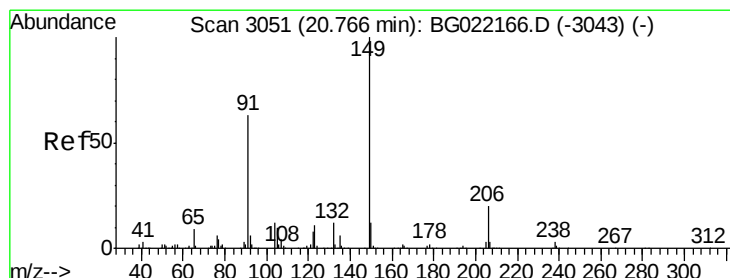
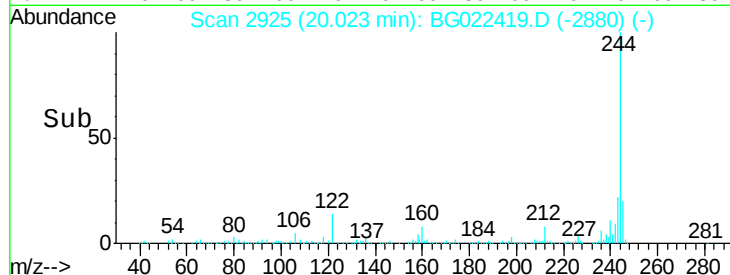
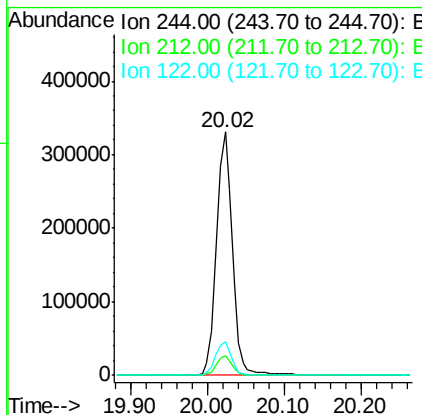
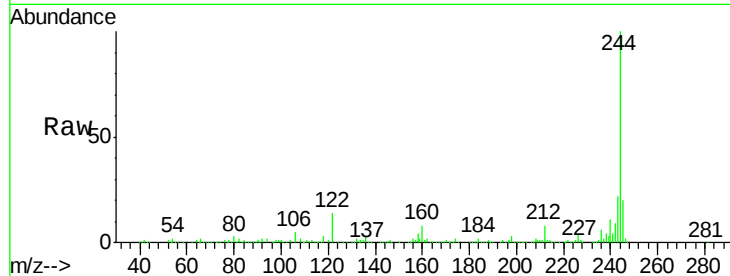
ClientSampleId :

PB91233BS

Tot Ion	Ratio	Resp	Lower	Upper
244	100	470916		
212	7.9	6.5	9.7	
122	14.0	8.6	12.8	

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#79

Butylbenzylphthalate

Concen: 41.64 ng

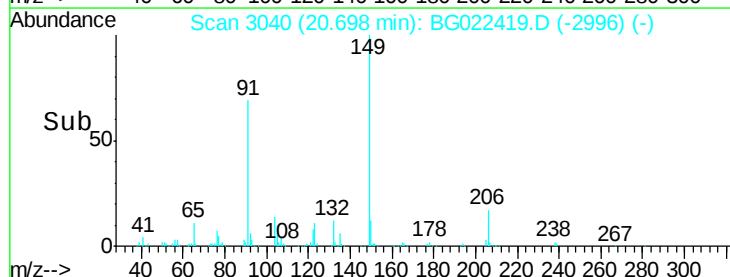
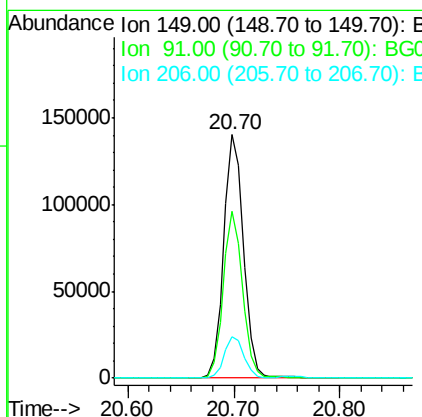
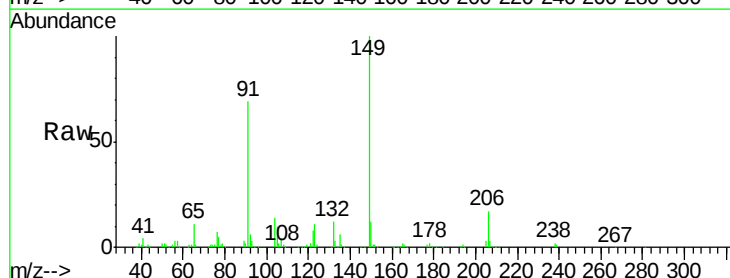
RT: 20.70 min Scan# 3040

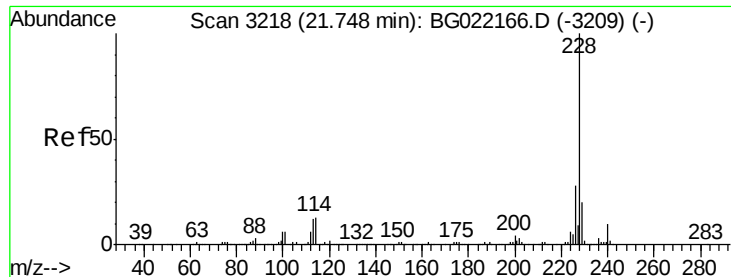
Delta R.T. -0.04 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	182910		
91	68.5	57.8	86.8	
206	16.7	17.0	25.4	





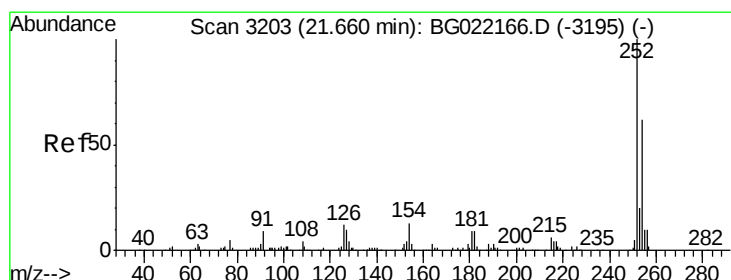
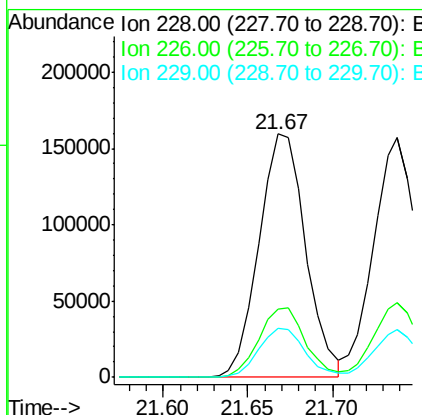
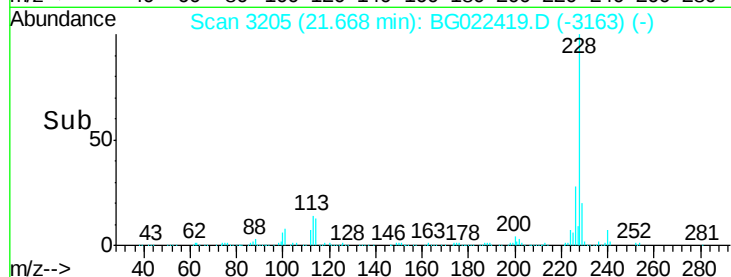
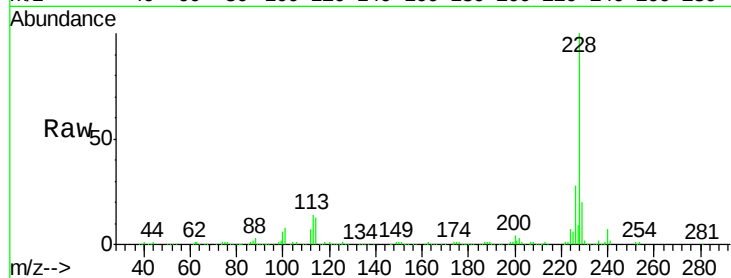
#80
Benzo(a)anthracene
Concen: 35.88 ng
RT: 21.67 min Scan# 3205
Delta R.T. -0.05 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Instrument :
BNA_G
ClientSampleId :
PB91233BS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	306499		
226	28.2		22.6	34.0
229	20.4		16.1	24.1

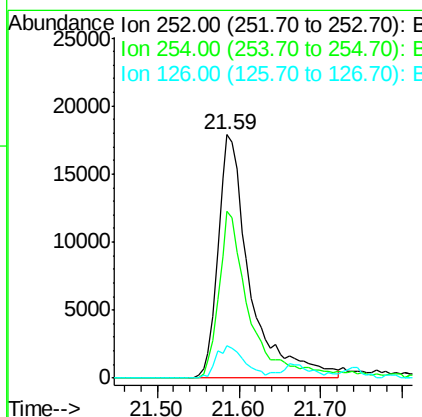
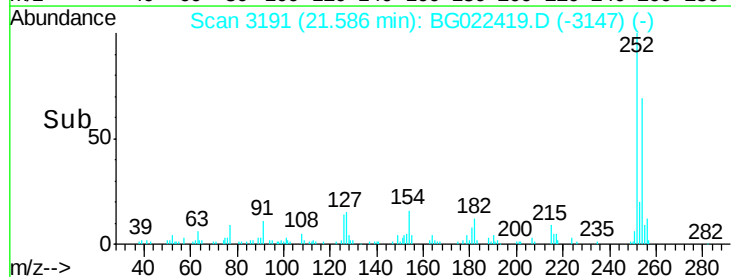
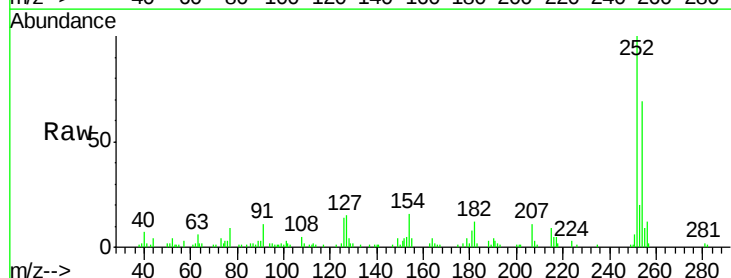
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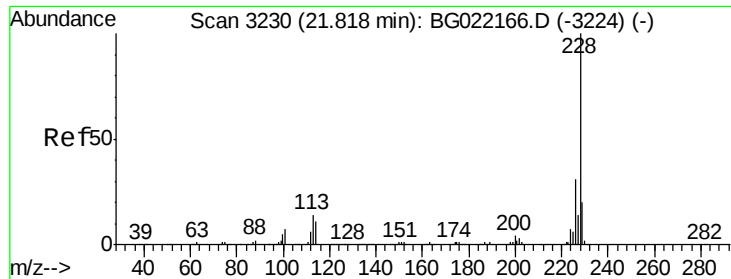
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#81
3,3'-Dichlorobenzidine
Concen: 20.13 ng
RT: 21.59 min Scan# 3191
Delta R.T. -0.04 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	48288		
254	68.7		51.8	77.6
126	13.6		8.8	13.2#





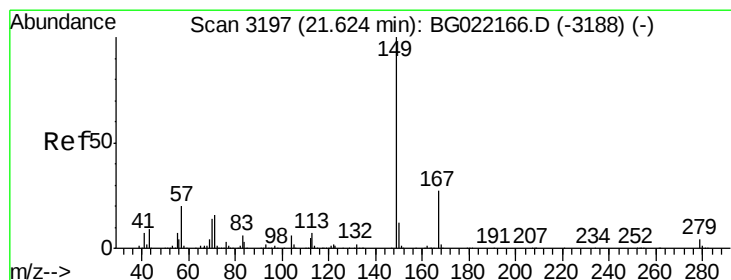
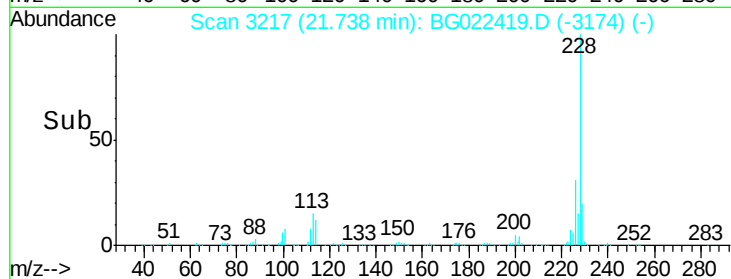
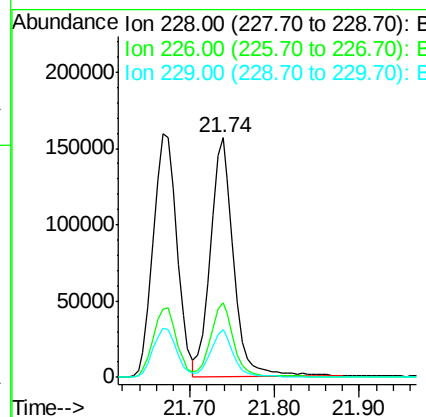
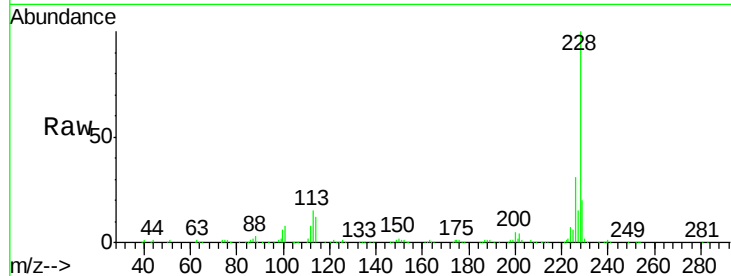
#82
 Chrvsene
 Concen: 35.83 ng
 RT: 21.74 min Scan# 3217
 Delta R.T. -0.05 min
 Lab File: BG022419.D
 Acq: 18 Jun 2016 12:00

Instrument :
 BNA_G
 ClientSampleId :
 PB91233BS

Tot Ion:	228	Resp:	297863
Ion Ratio	Lower	Upper	
228	100		
226	31.3	25.4	38.0
229	20.2	15.9	23.9

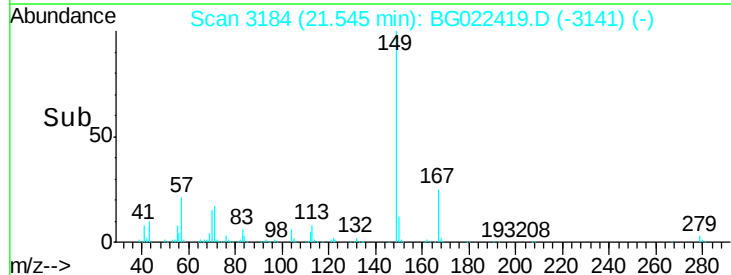
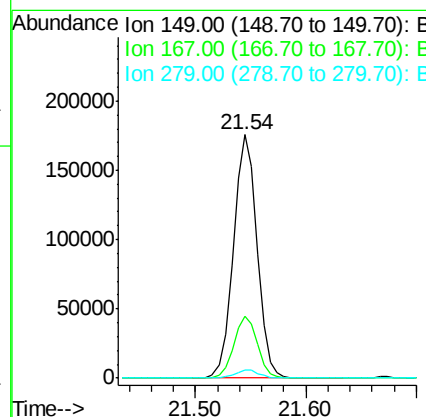
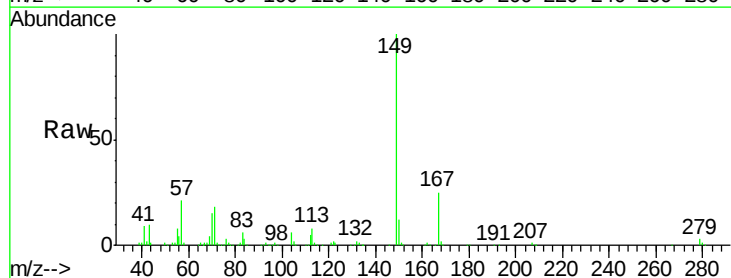
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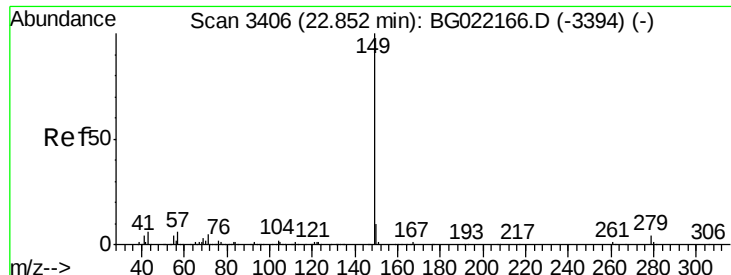
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.63 ng
 RT: 21.54 min Scan# 3184
 Delta R.T. -0.05 min
 Lab File: BG022419.D
 Acq: 18 Jun 2016 12:00

Tgt Ion:	149	Resp:	262486
Ion Ratio	Lower	Upper	
149	100		
167	25.3	22.4	33.6
279	3.2	3.2	4.8#





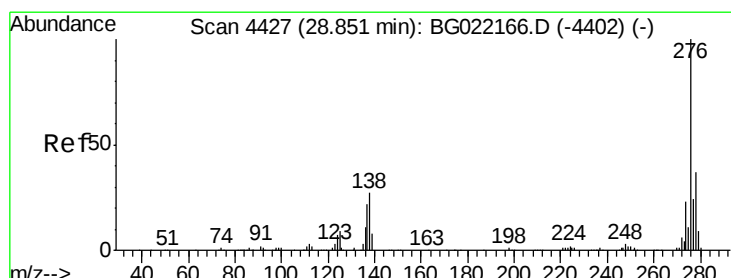
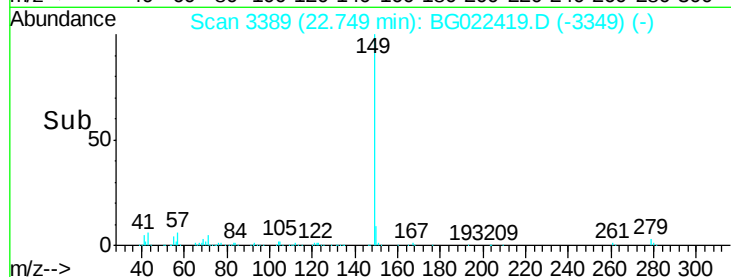
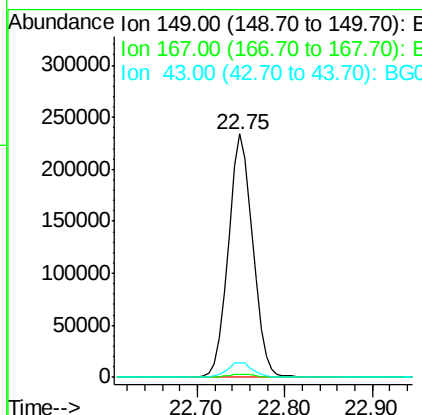
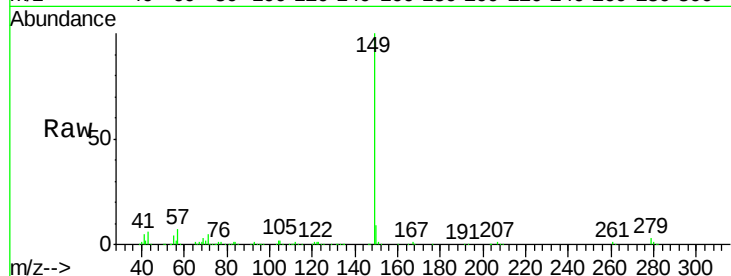
#84
Di-n-octyl phthalate
Concen: 41.45 ng
RT: 22.75 min Scan# 3389
Delta R.T. -0.07 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Instrument :
BNA_G
ClientSampleId :
PB91233BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	1.3	1.9
43	6.6	9.8	14.6#

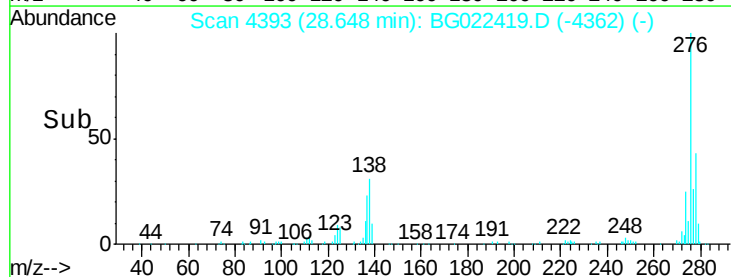
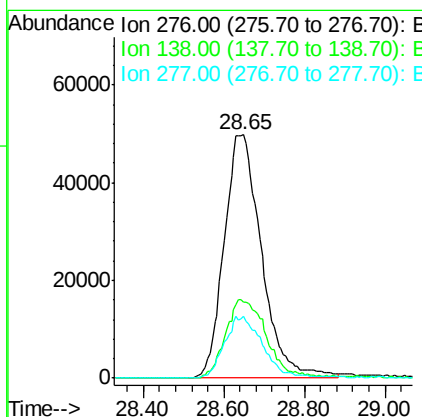
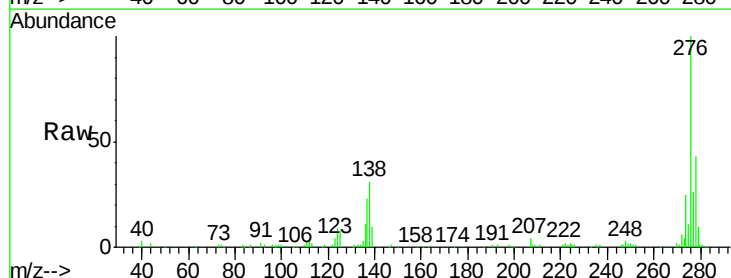
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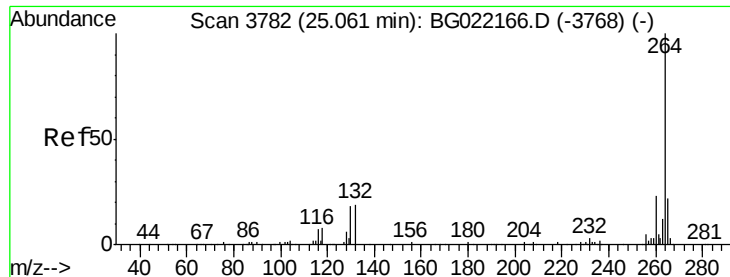
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#85
Indeno(1,2,3-cd)pyrene
Concen: 34.45 ng
RT: 28.65 min Scan# 4393
Delta R.T. -0.12 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	35.0	14.0	21.0#
277	25.3	20.6	30.8





#86

Pervlene-d12

Concen: 20.00 ng

RT: 24.93 min Scan# 3760

Delta R.T. -0.08 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

Instrument :

BNA_G

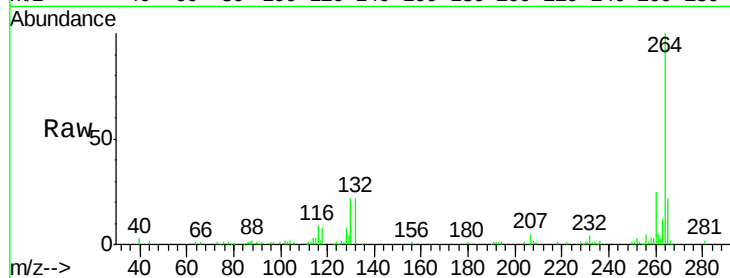
ClientSampleId :

PB91233BS

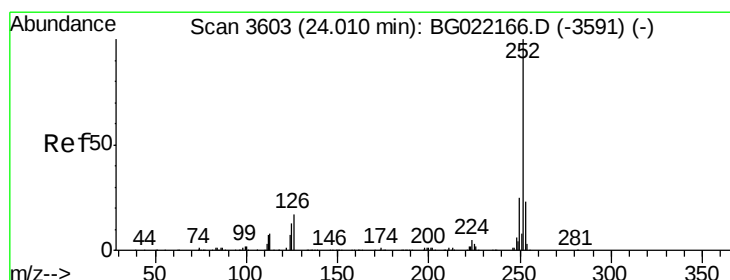
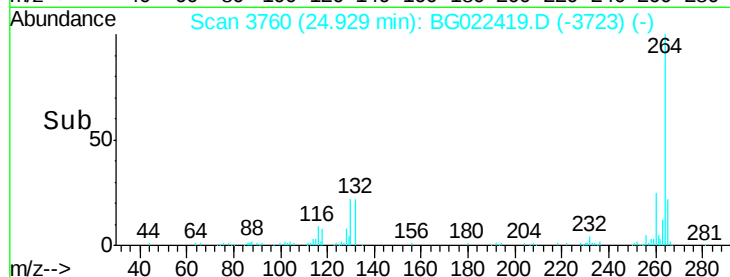
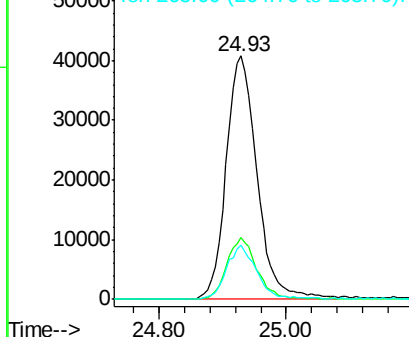
Tot Ion:	264	Resp:	137923
Ion Ratio	Lower	Upper	
264	100		
260	25.2	20.2	30.4
265	22.5	17.8	26.8

Manual Integrations
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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 36.83 ng

RT: 23.89 min Scan# 3584

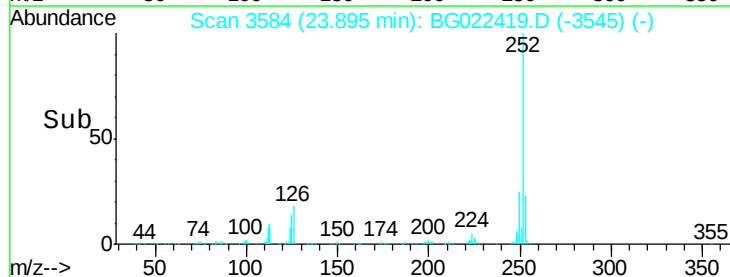
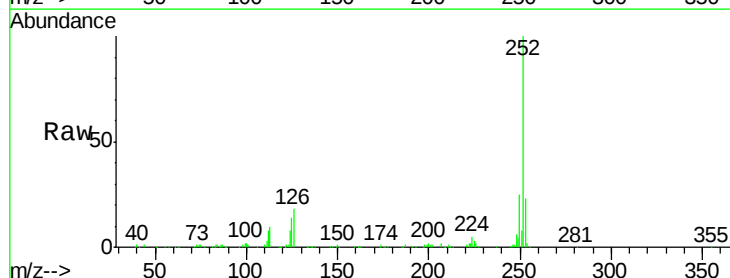
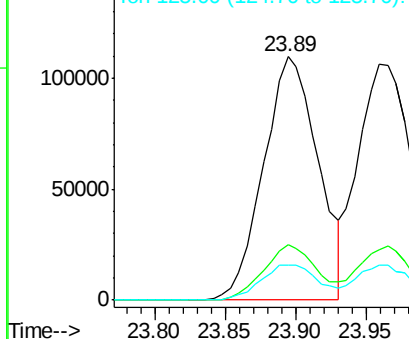
Delta R.T. -0.07 min

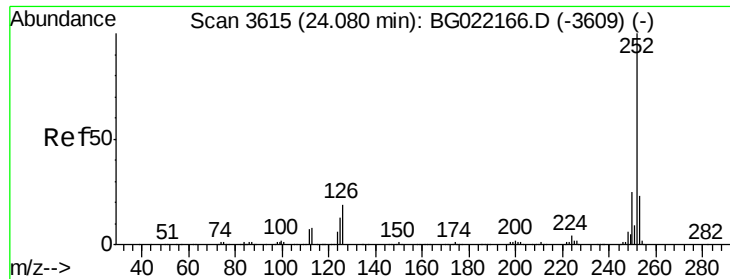
Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

Tgt Ion:	252	Resp:	296245
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.5	26.3
125	14.3	8.6	13.0#

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





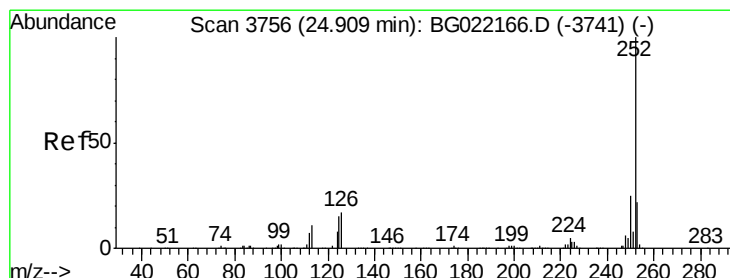
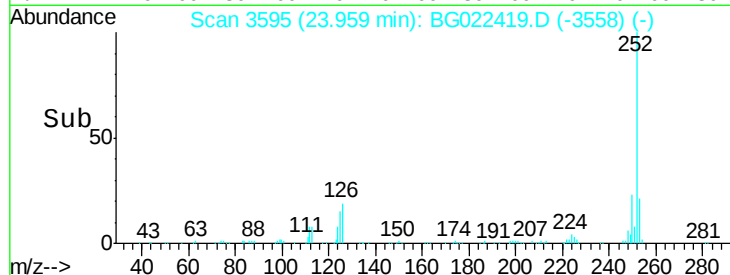
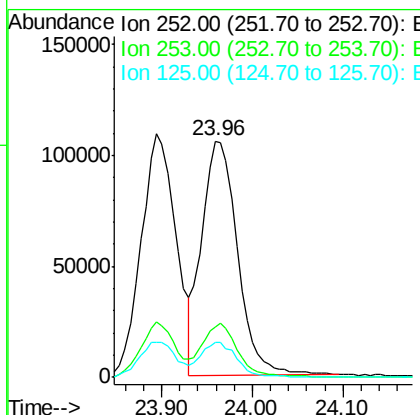
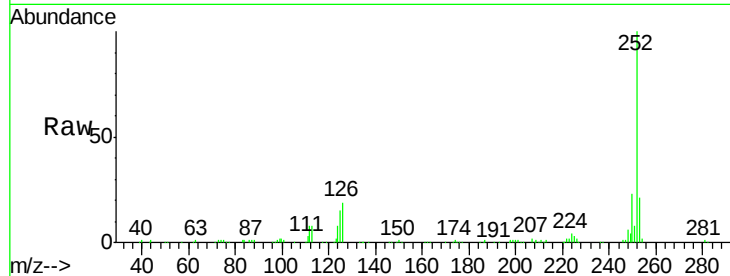
#88
Benzo(k)fluoranthene
Concen: 36.83 ng
RT: 23.96 min Scan# 3595
Delta R.T. -0.08 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Instrument :
BNA_G
ClientSampled :
PB91233BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.2	17.8	26.8
125	14.6	8.3	12.5#

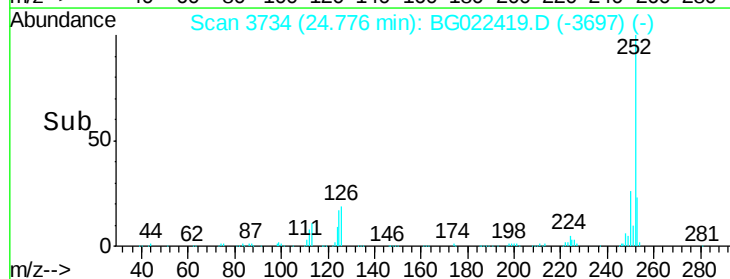
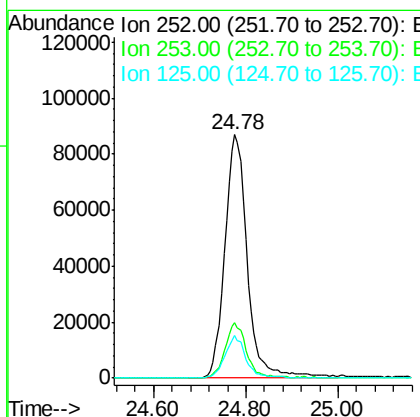
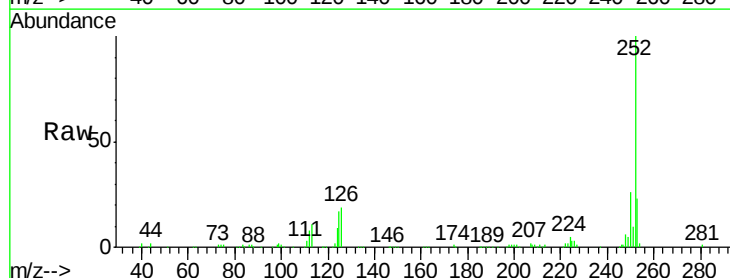
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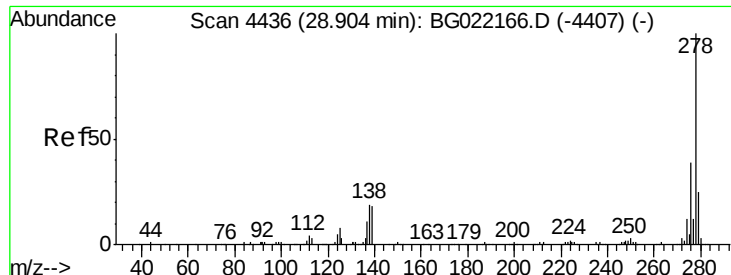
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#89
Benzo(a)pyrene
Concen: 38.17 ng
RT: 24.78 min Scan# 3734
Delta R.T. -0.08 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.6	17.1	25.7
125	17.4	9.6	14.4#





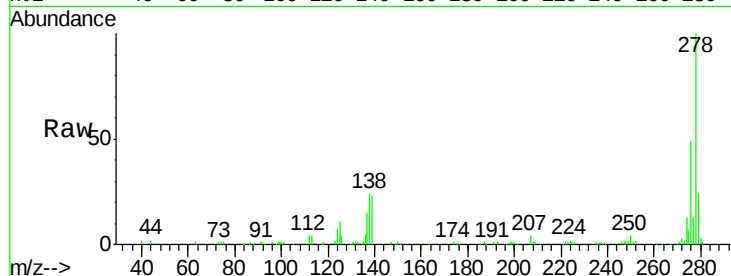
#90
Dibenzo(a,h)anthracene
Concen: 35.96 ng
RT: 28.70 min Scan# 4401
Delta R.T. -0.13 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Instrument :
BNA_G
ClientSampleId :
PB91233BS

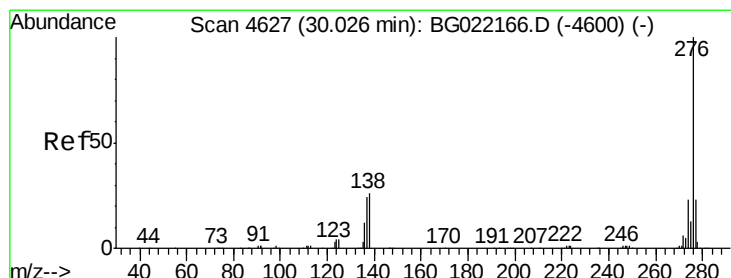
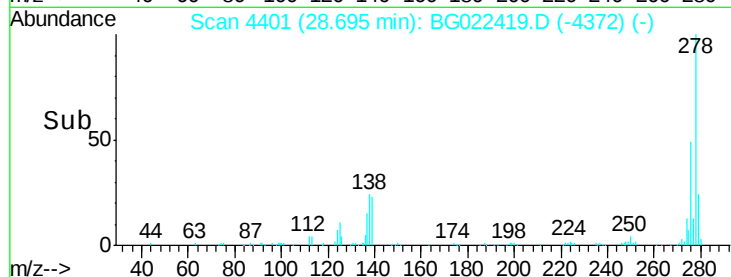
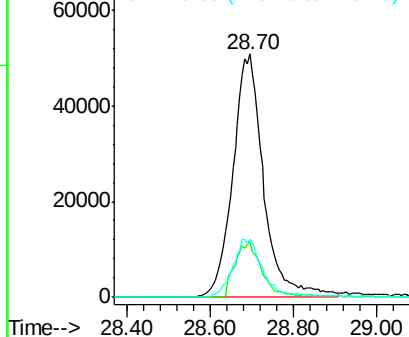
Tot Ion	Ratio	Lower	Upper
278	100		
139	22.8	11.9	17.9#
279	24.0	18.2	27.2

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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 35.70 ng
RT: 29.80 min Scan# 4589
Delta R.T. -0.14 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.4	29.2
138	29.5	17.4	26.0#

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

