

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042315\
 Data File : BG016680.D
 Acq On : 24 Apr 2015 9:01
 Operator : TP/IZ
 Sample : G1950-02MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PS-20(5-10)MS

Manual Integrations
 APPROVED

apatel
 5/5/2015 4:55:16 PM

Quant Time: Apr 24 14:21:30 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 19:19:11 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	62000	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	264600	20.00	ng	0.00
38) Acenaphthene-d10	14.25	164	149092	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	300965	20.00	ng	0.00
75) Chrysene-d12	21.18	240	281895	20.00	ng	0.00
86) Perylene-d12	23.39	264	254991	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	371161	97.14	ng	0.00
7) Phenol-d6	6.79	99	516078	96.28	ng	0.00
23) Nitrobenzene-d5	8.76	82	252077	60.20	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	105743	95.60	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	587431	63.30	ng	0.00
78) Terphenyl-d14	19.63	244	707486	57.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.05	88	38699	23.38	ng	96
3) Pyridine	3.45	79	104966	22.34	ng	98
4) n-Nitrosodimethylamine	3.37	42	37802	27.27	ng	88
6) Aniline	6.93	93	90695	12.34	ng	99
8) 2-Chlorophenol	7.17	128	145235	30.75	ng	99
9) Benzaldehyde	6.74	77	14674	6.70	ng	95
10) Phenol	6.82	94	190810	33.77	ng	98
11) bis(2-Chloroethyl)ether	7.03	93	125633	28.49	ng	99
12) 1,3-Dichlorobenzene	7.48	146	132938	27.22	ng	97
13) 1,4-Dichlorobenzene	7.63	146	138711	27.78	ng	97
14) 1,2-Dichlorobenzene	7.95	146	132584	27.82	ng	99
15) Benzyl Alcohol	7.85	79	100549	29.89	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.14	45	122658	29.71	ng	99
17) 2-Methylphenol	8.06	107	119717	31.69	ng	98
18) Hexachloroethane	8.66	117	48877	27.77	ng	97
19) n-Nitroso-di-n-propylamine	8.40	70	89743	26.86	ng	98
20) 3+4-Methylphenols	8.39	107	163006	30.69	ng	96
22) Acetophenone	8.42	105	180051	31.00	ng	# 98
24) Nitrobenzene	8.80	77	129648	29.48	ng	97
25) Isophorone	9.31	82	250112	28.82	ng	100
26) 2-Nitrophenol	9.50	139	75980	29.78	ng	98
27) 2,4-Dimethylphenol	9.58	122	136997	32.15	ng	99
28) bis(2-Chloroethoxy)methane	9.80	93	158950	30.35	ng	99
29) 2,4-Dichlorophenol	10.05	162	121697	33.60	ng	97
30) 1,2,4-Trichlorobenzene	10.25	180	113051	29.45	ng	96
31) Naphthalene	10.43	128	414826	29.73	ng	99
32) Benzoic acid	9.73	122	26509	18.22	ng	97
33) 4-Chloroaniline	10.55	127	64697	10.07	ng	96
34) Hexachlorobutadiene	10.71	225	49813	29.05	ng	97
35) Caprolactam	11.32	113	58635m	30.03	ng	
36) 4-Chloro-3-methylphenol	11.70	107	135607	32.20	ng	98
37) 2-Methylnaphthalene	12.05	142	301041	29.88	ng	100
39) 1,2,4,5-Tetrachlorobenzene	12.43	216	106124	29.88	ng	99
40) Hexachlorocyclopentadiene	12.41	237	72869	55.39	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.68	196	82014	31.60	nq	99
43) 2,4,5-Trichlorophenol	12.76	196	90743	33.04	nq	97
45) 1,1'-Biphenyl	13.08	154	368323	31.46	nq	99
46) 2-Chloronaphthalene	13.12	162	276058	30.67	nq	99
47) 2-Nitroaniline	13.33	65	76954	31.34	nq	100
48) Acenaphthylene	13.97	152	473561	30.04	nq	99
49) Dimethylphthalate	13.72	163	368418	33.03	nq	99
50) 2,6-Dinitrotoluene	13.84	165	83640	30.56	nq	97
51) Acenaphthene	14.31	154	285560	30.18	nq	98
52) 3-Nitroaniline	14.17	138	51601	15.60	nq	98
53) 2,4-Dinitrophenol	14.39	184	56577	42.01	nq	95
54) Dibenzofuran	14.65	168	417402	31.28	nq	99
55) 4-Nitrophenol	14.51	139	153766	62.04	nq	96
56) 2,4-Dinitrotoluene	14.63	165	114905	30.65	nq	99
57) Fluorene	15.30	166	358466	30.73	nq	100
58) 2,3,4,6-Tetrachlorophenol	14.88	232	64809	31.19	nq	98
59) Diethylphthalate	15.08	149	348471	29.98	nq	98
60) 4-Chlorophenyl-phenylether	15.30	204	147191	30.21	nq	99
61) 4-Nitroaniline	15.34	138	104075	28.44	nq	96
62) Azobenzene	15.58	77	348725	32.85	nq	98
64) 4,6-Dinitro-2-methylphenol	15.40	198	53203	26.12	nq	94
65) n-Nitrosodiphenylamine	15.51	169	317064	30.73	nq	100
66) 4-Bromophenyl-phenylether	16.19	248	77255	30.72	nq	97
67) Hexachlorobenzene	16.30	284	79764	30.84	nq	97
68) Atrazine	16.47	200	96799	34.95	nq	99
69) Pentachlorophenol	16.65	266	77919	62.04	nq	96
70) Phenanthrene	17.04	178	533974	30.88	nq	99
71) Anthracene	17.12	178	536342	31.19	nq	99
72) Carbazole	17.41	167	554145	32.16	nq	99
73) Di-n-butylphthalate	17.96	149	664234	32.34	nq	100
74) Fluoranthene	19.06	202	576881	31.49	nq	99
76) Benzidine	19.25	184	192376	20.04	nq	99
77) Pyrene	19.42	202	604924	30.55	nq	99
79) Butylbenzylphthalate	20.33	149	307757	31.59	nq	97
80) Benzo(a)anthracene	21.17	228	519825	30.41	nq	98
81) 3,3'-Dichlorobenzidine	21.10	252	58215	10.45	nq	99
82) Chrysene	21.22	228	494401	30.17	nq	99
83) Bis(2-ethylhexyl)phthalate	21.10	149	433558	32.71	nq	98
84) Di-n-octyl phthalate	21.96	149	721013	32.66	nq	100
85) Indeno(1,2,3-cd)pyrene	25.63	276	524812	29.38	nq	99
87) Benzo(b)fluoranthene	22.72	252	494448	31.92	nq	99
88) Benzo(k)fluoranthene	22.77	252	464932	30.76	nq	98
89) Benzo(a)pyrene	23.29	252	467005	32.00	nq	99
90) Dibenzo(a,h)anthracene	25.64	278	435122	30.66	nq	98
91) Benzo(g,h,i)perylene	26.32	276	441186	30.55	nq	100

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

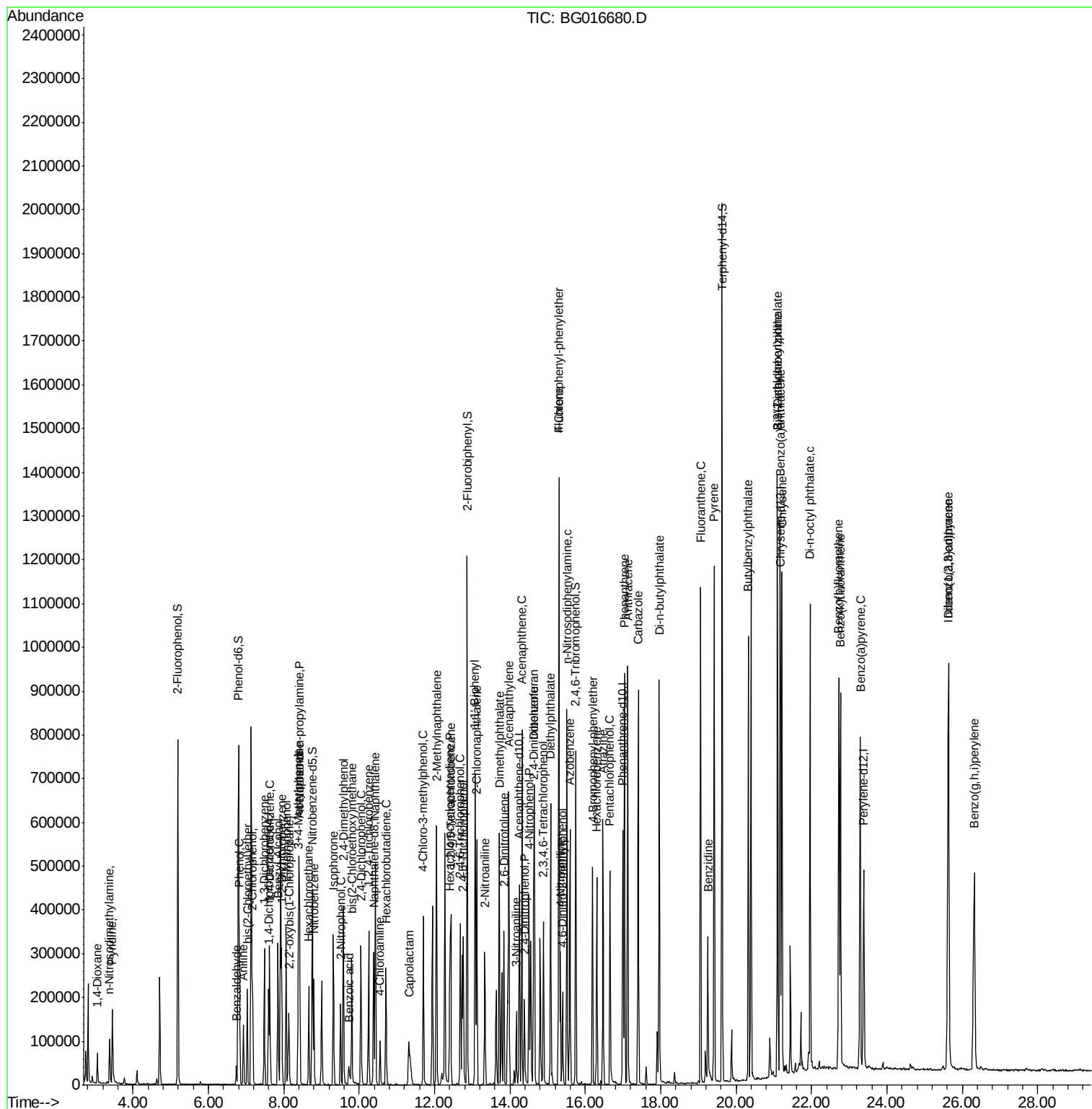
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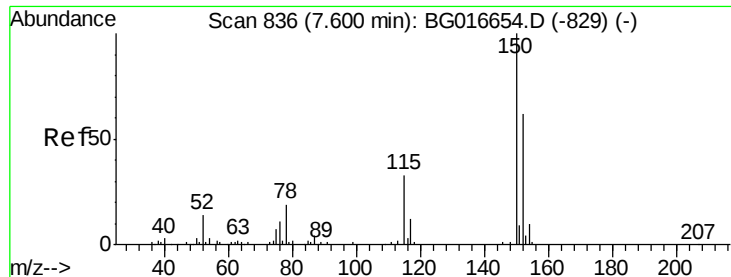
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.59 min Scan# 835

Delta R.T. -0.01 min

Lab File: BG016680.D

Acq: 24 Apr 2015 9:01

Instrument :

BNA_G

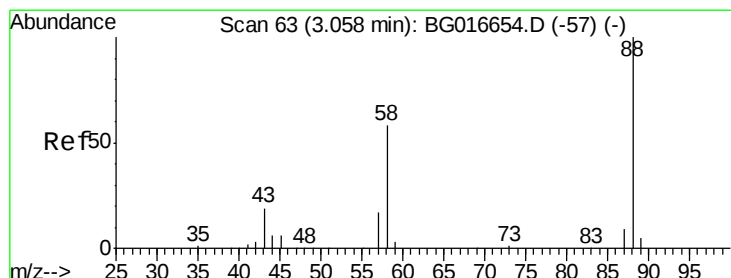
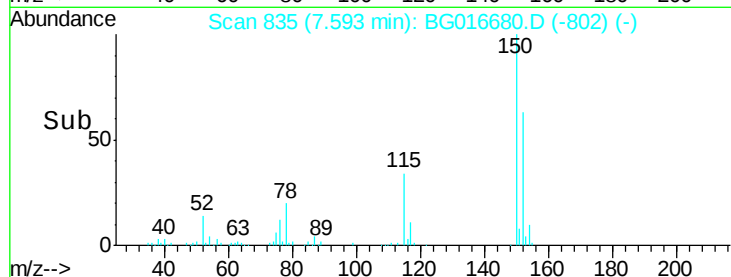
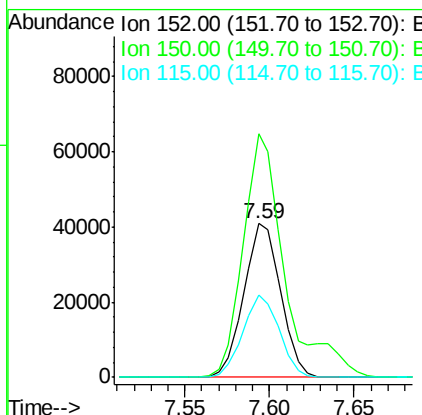
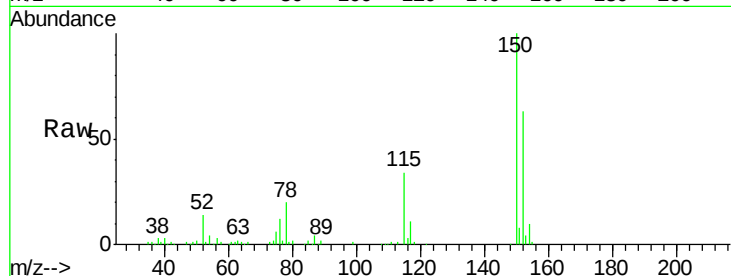
ClientSampleId :

PS-20(5-10)MS

Tot Ion:	152	Resp:	62000
Ion Ratio	Lower	Upper	
152	100		
150	158.3	129.6	194.4
115	53.7	43.0	64.6

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#2

1,4-Dioxane

Concen: 23.38 ng

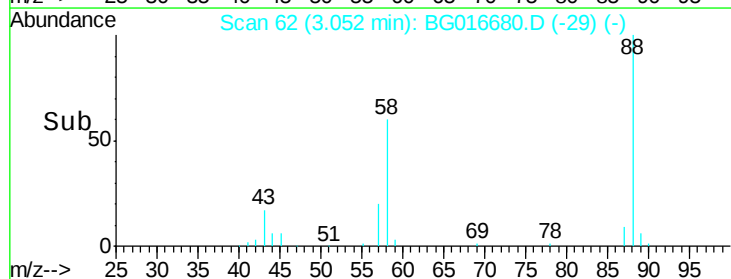
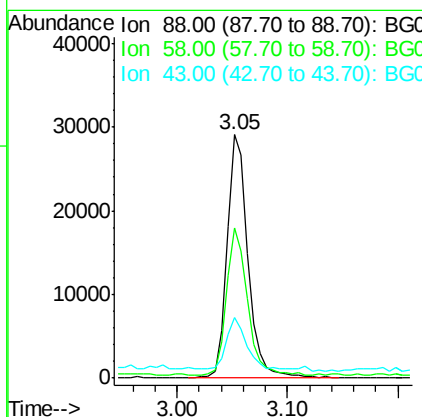
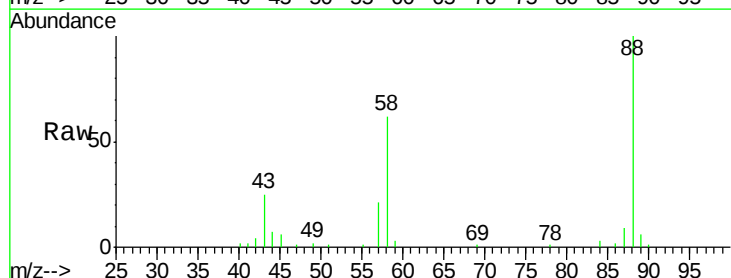
RT: 3.05 min Scan# 62

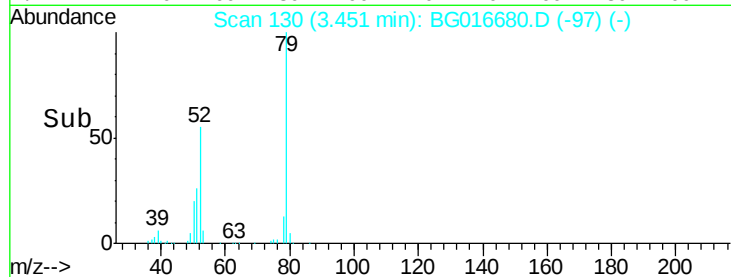
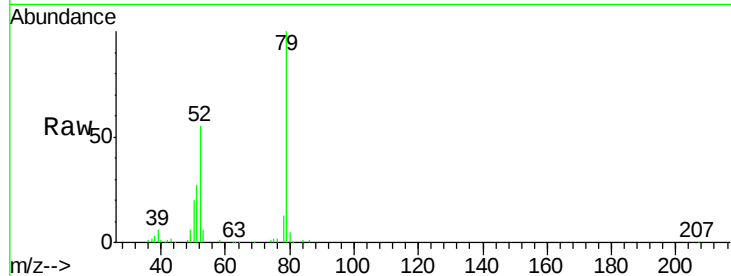
Delta R.T. -0.01 min

Lab File: BG016680.D

Acq: 24 Apr 2015 9:01

Tgt Ion:	88	Resp:	38699
Ion Ratio	Lower	Upper	
88	100		
58	61.4	46.8	70.2
43	21.3	15.8	23.8





#3

Pvridine

Concen: 22.34 ng

RT: 3.45 min Scan# 130

Delta R.T. -0.01 min

Lab File: BG016680.D

Acq: 24 Apr 2015 9:01

Tot Ion:	79	Resp:	104966
Ion Ratio	Lower	Upper	
79	100		
52	54.9	42.7	64.1
51	27.0	20.5	30.7

Instrument :

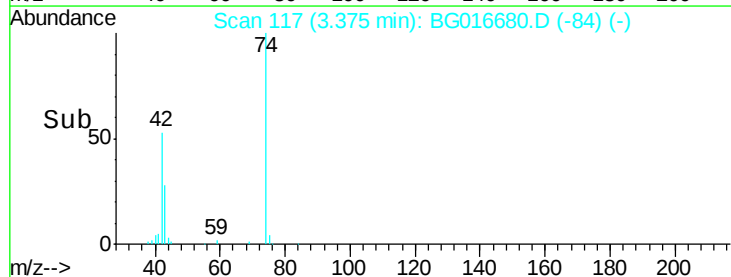
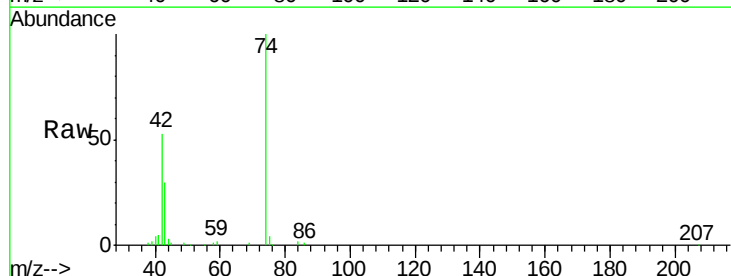
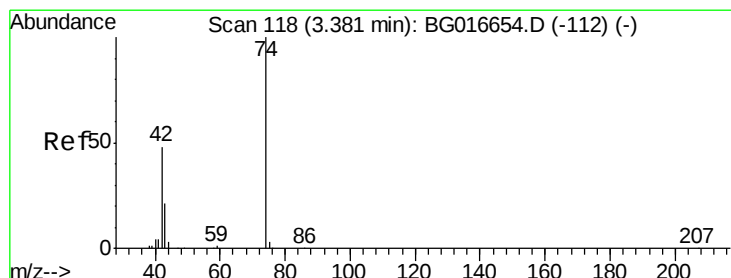
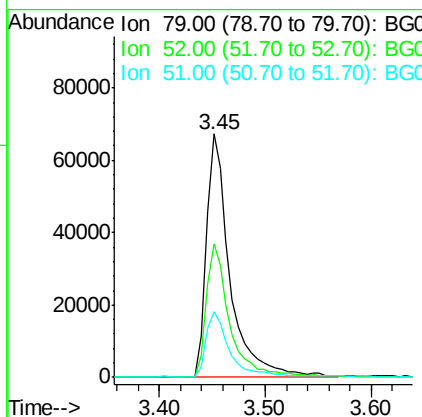
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ClientSampleId :

PS-20(5-10)MS

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#4

n-Nitrosodimethylamine

Concen: 27.27 ng

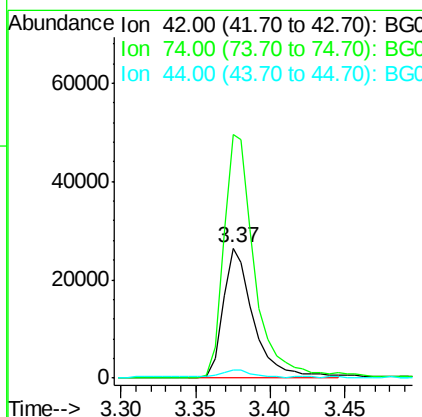
RT: 3.37 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG016680.D

Acq: 24 Apr 2015 9:01

Tgt Ion:	42	Resp:	37802
Ion Ratio	Lower	Upper	
42	100		
74	187.2	165.6	248.4
44	5.9	5.0	7.6





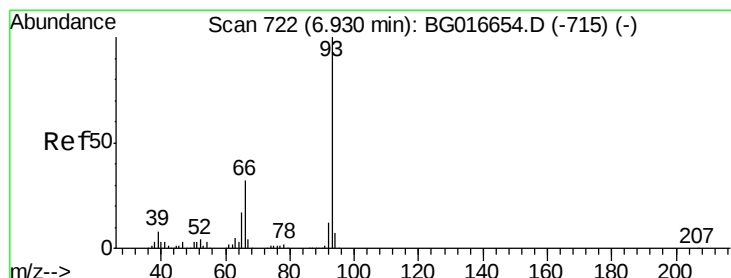
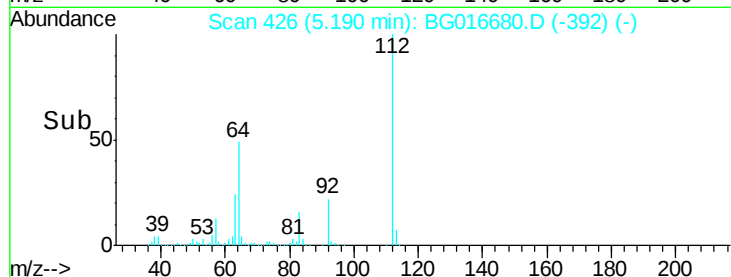
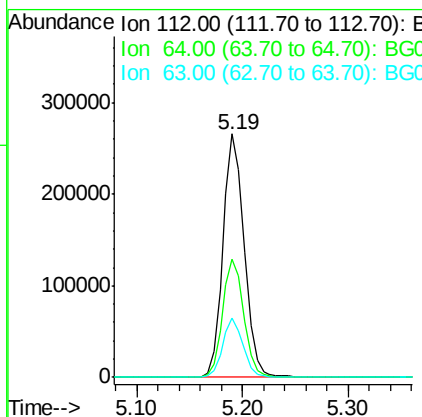
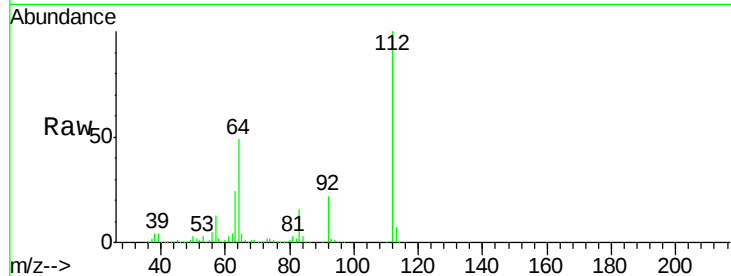
#5
2-Fluorophenol
Concen: 97.14 ng
RT: 5.19 min Scan# 426
Delta R.T. -0.00 min
Lab File: BG016680.D
Acq: 24 Apr 2015 9:01

Instrument :
BNA_G
ClientSampleId :
PS-20(5-10)MS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	48.8	38.3	57.5
63	24.2	18.9	28.3

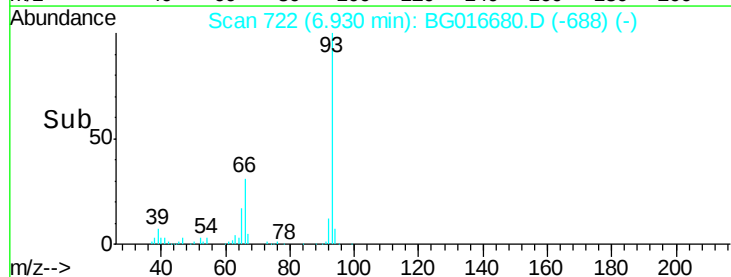
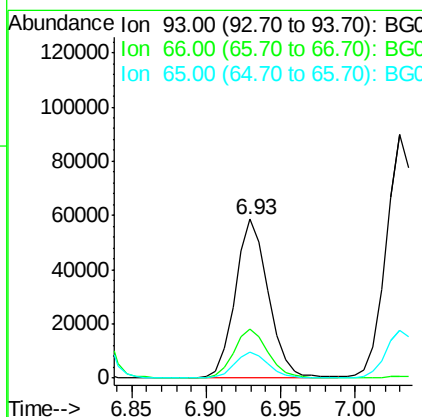
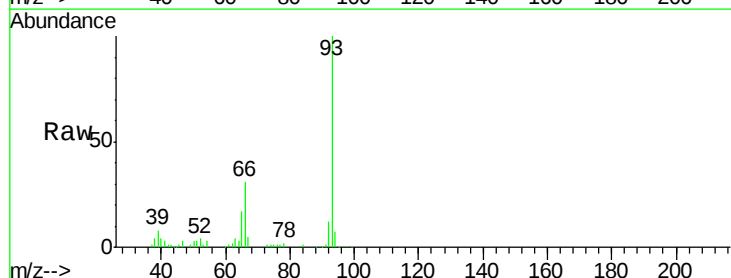
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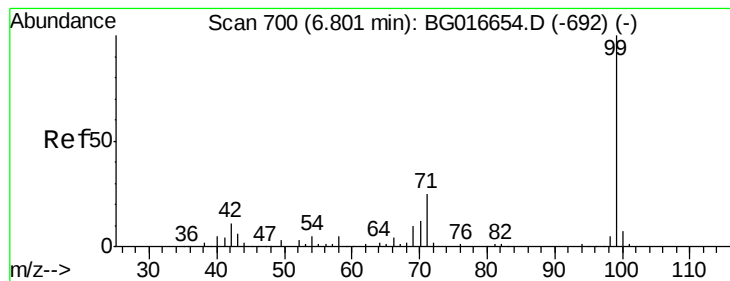
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#6
Aniline
Concen: 12.34 ng
RT: 6.93 min Scan# 722
Delta R.T. -0.00 min
Lab File: BG016680.D
Acq: 24 Apr 2015 9:01

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	31.1	25.4	38.2
65	16.6	13.8	20.6





#7

Phenol-d6

Concen: 96.28 ng

RT: 6.79 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG016680.D

Acq: 24 Apr 2015 9:01

Instrument :

BNA_G

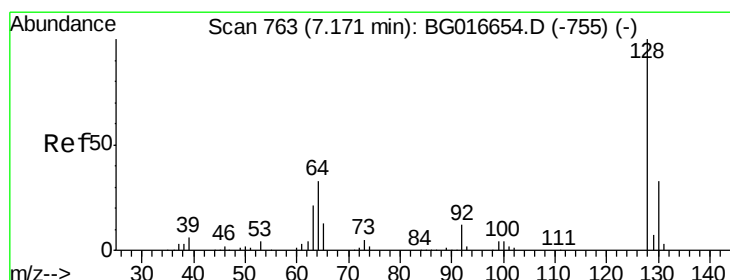
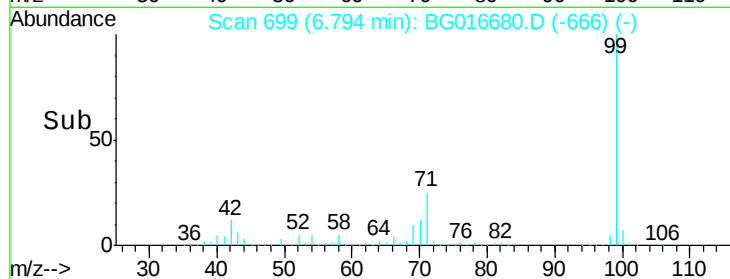
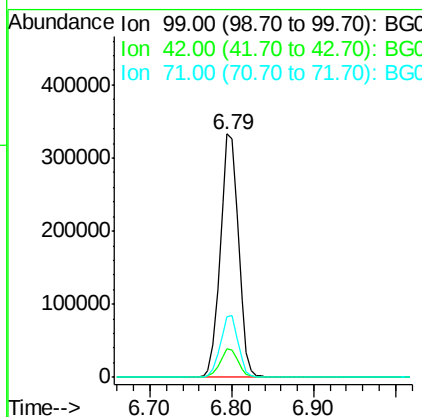
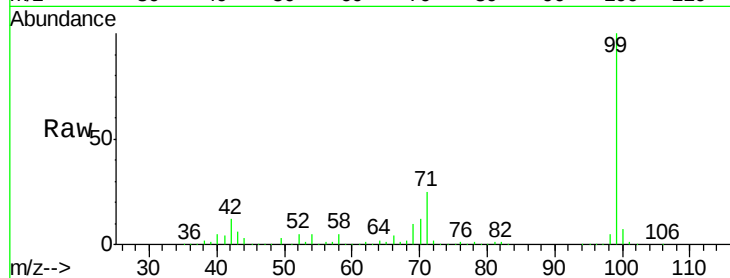
ClientSampleId :

PS-20(5-10)MS

Tot Ion:	99	Resp:	516078
Ion Ratio	Lower	Upper	
99	100		
42	11.7	8.8	13.2
71	25.0	19.9	29.9

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#8

2-Chlorophenol

Concen: 30.75 ng

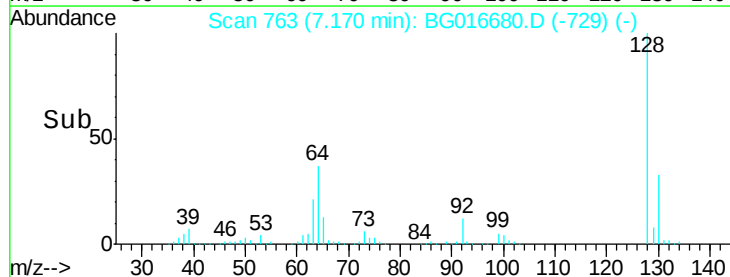
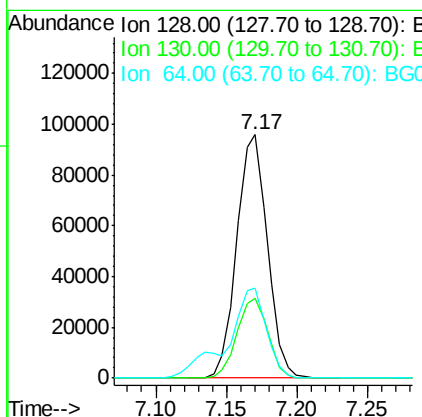
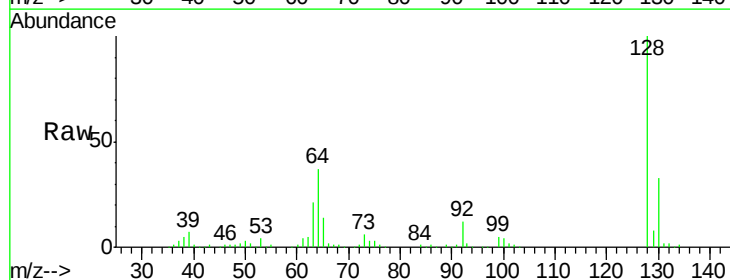
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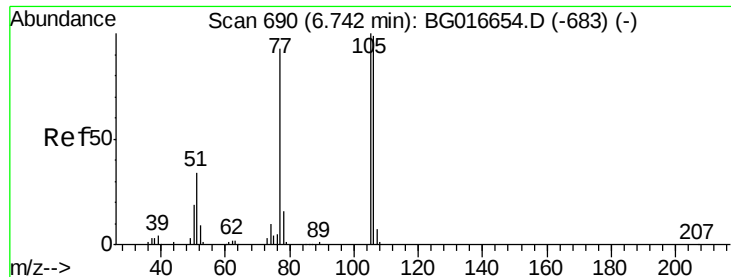
Delta R.T. -0.00 min

Lab File: BG016680.D

Acq: 24 Apr 2015 9:01

Tgt Ion:	128	Resp:	145235
Ion Ratio	Lower	Upper	
128	100		
130	32.8	13.5	53.5
64	36.8	15.8	55.8





#9

Benzaldehyde

Concen: 6.70 ng

RT: 6.74 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG016680.D

Acq: 24 Apr 2015 9:01

Instrument :

BNA_G

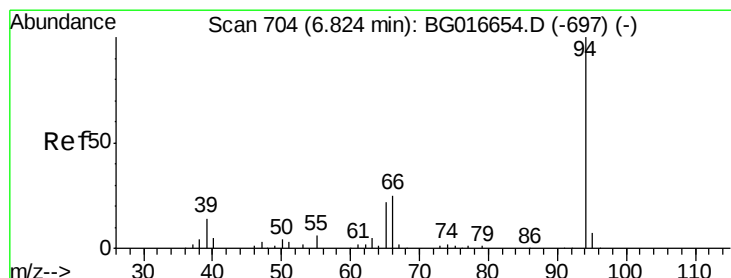
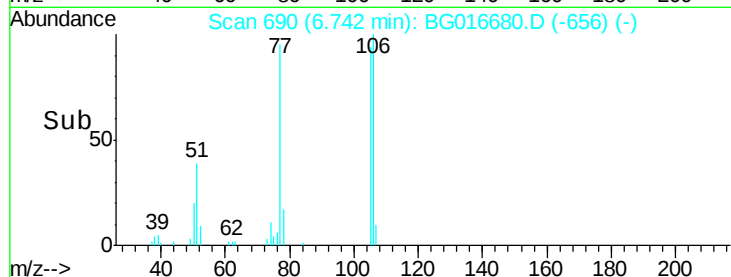
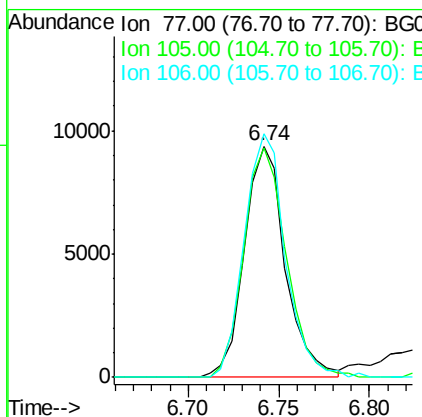
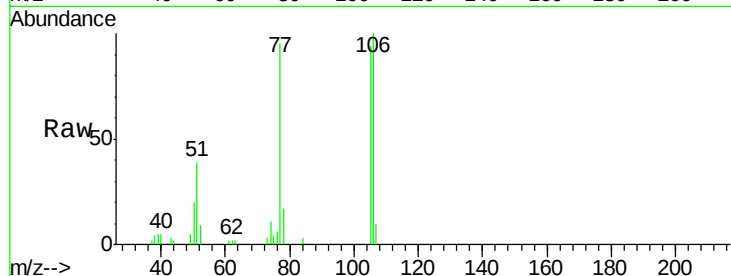
ClientSampleId :

PS-20(5-10)MS

Tot Ion:	77	Resp:	14674
Ion	Ratio	Lower	Upper
77	100		
105	99.4	88.0	128.0
106	105.4	86.6	126.6

Manual Integrations
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#10

Phenol

Concen: 33.77 ng

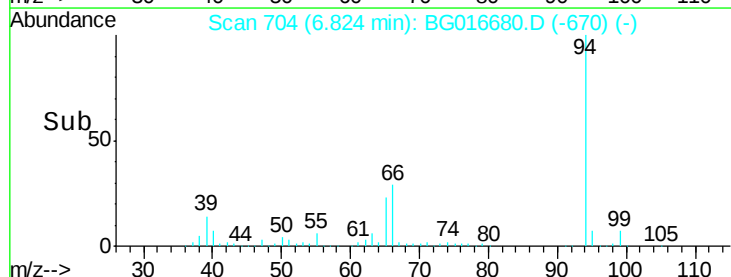
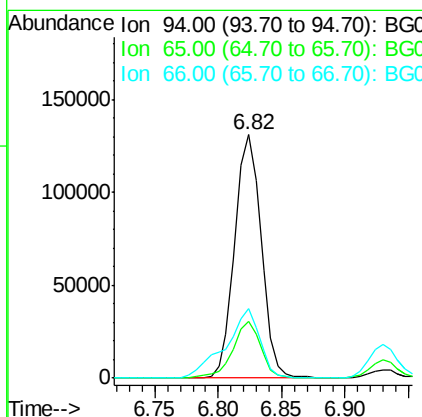
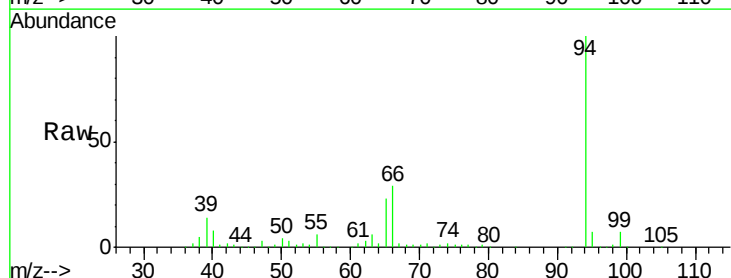
RT: 6.82 min Scan# 704

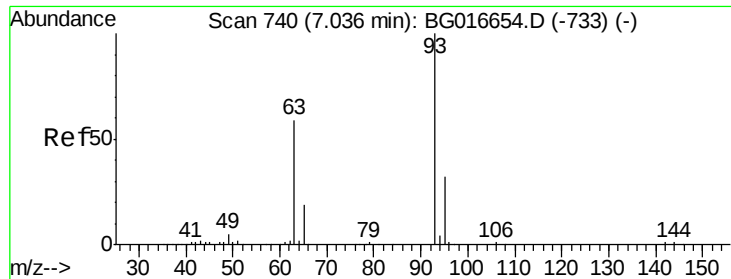
Delta R.T. -0.00 min

Lab File: BG016680.D

Acq: 24 Apr 2015 9:01

Tgt Ion:	94	Resp:	190810
Ion	Ratio	Lower	Upper
94	100		
65	23.1	2.6	42.6
66	28.6	7.0	47.0





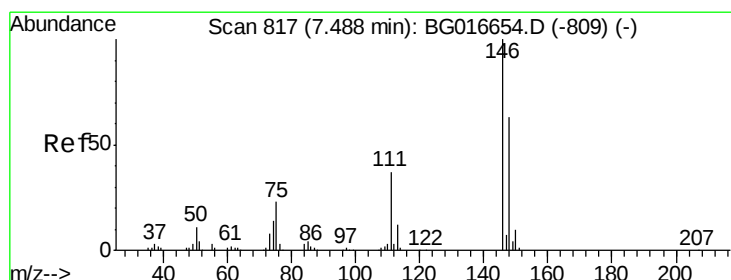
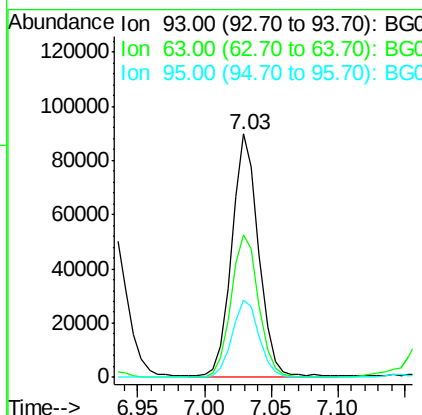
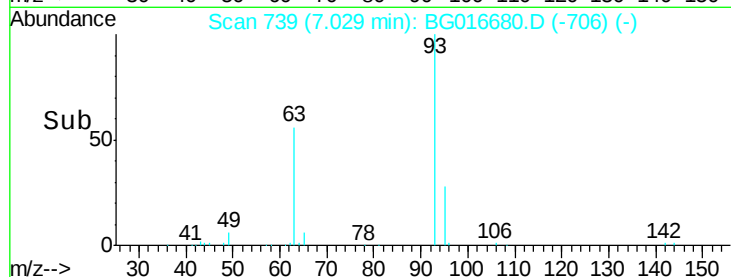
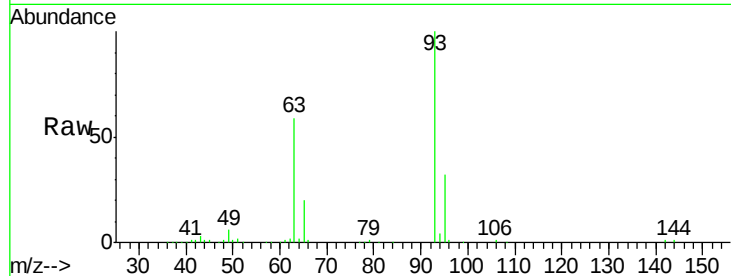
#11
bis(2-Chloroethyl)ether
Concen: 28.49 ng
RT: 7.03 min Scan# 739
Delta R.T. -0.01 min
Lab File: BG016680.D
Acq: 24 Apr 2015 9:01

Instrument :
BNA_G
ClientSampleId :
PS-20(5-10)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		125633		
63	58.8	39.2	79.2		
95	31.6	11.9	51.9		

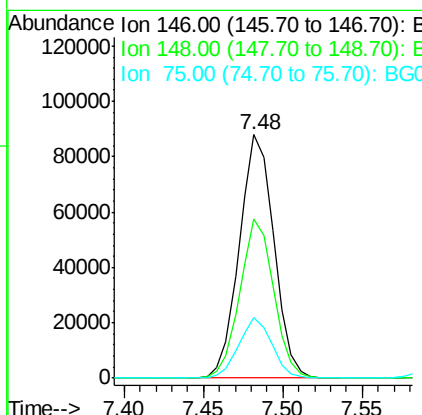
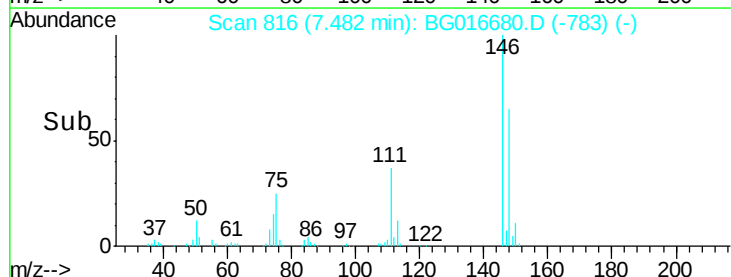
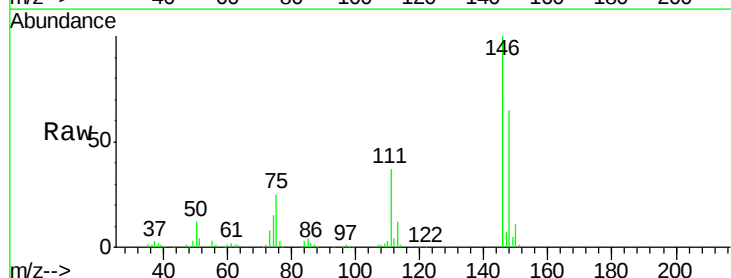
Manual Integrations
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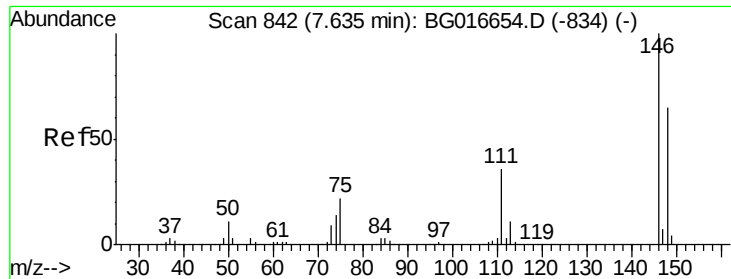
apatel
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#12
1,3-Dichlorobenzene
Concen: 27.22 ng
RT: 7.48 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG016680.D
Acq: 24 Apr 2015 9:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		132938		
148	65.3	50.2	75.4		
75	24.8	18.4	27.6		





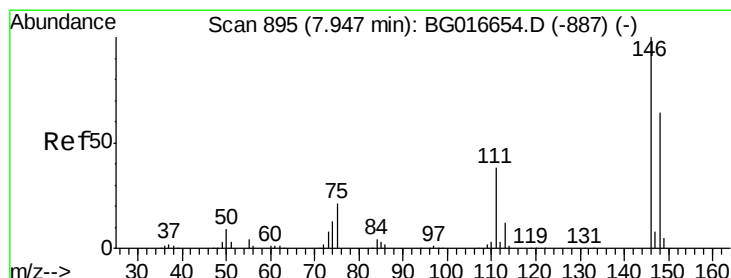
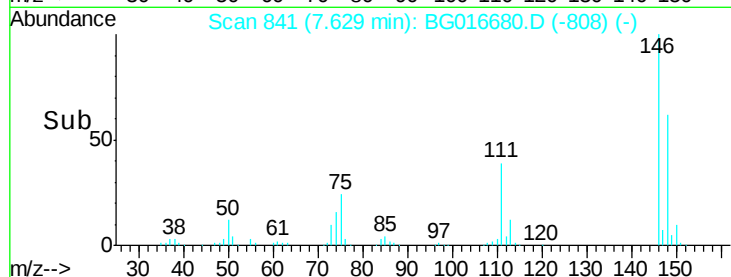
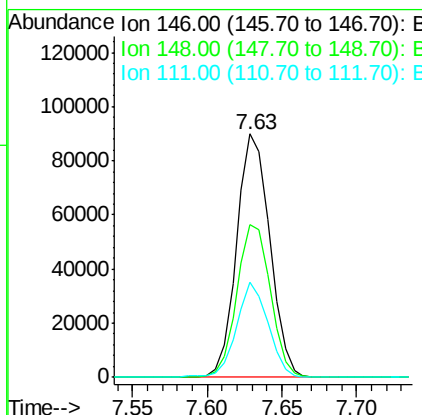
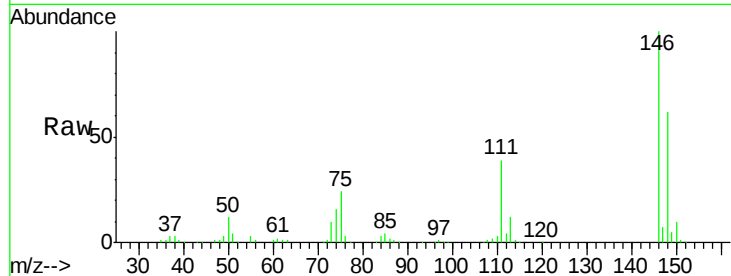
#13
 1,4-Dichlorobenzene
 Concen: 27.78 ng
 RT: 7.63 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BG016680.D
 Acq: 24 Apr 2015 9:01

Instrument :
 BNA_G
 ClientSampleId :
 PS-20(5-10)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.5	51.6	77.4
111	39.2	29.0	43.4

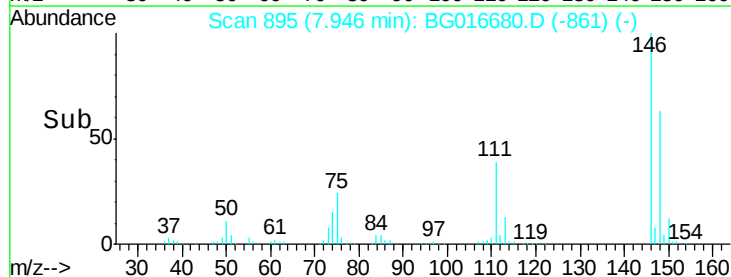
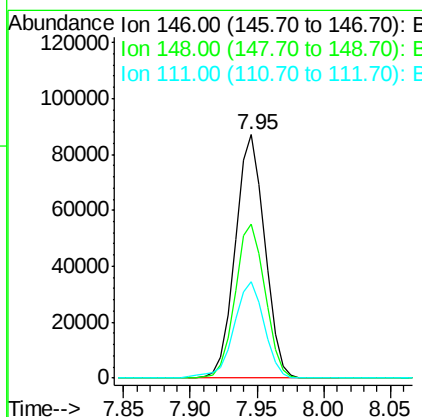
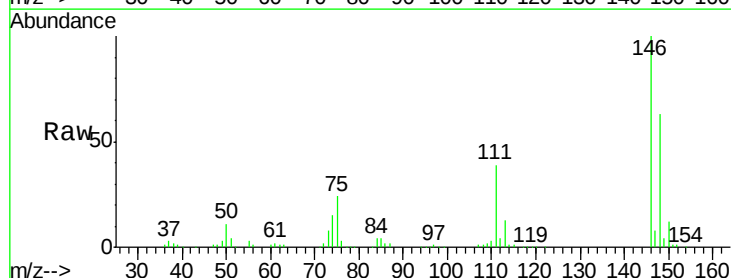
Manual Integrations
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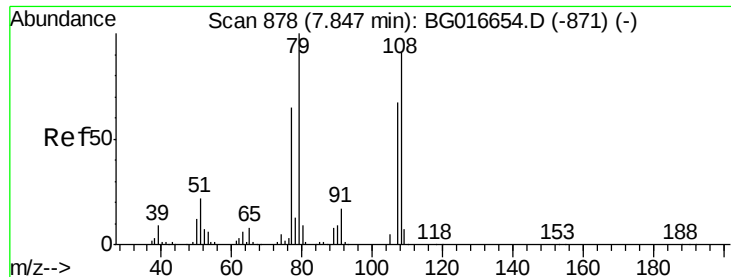
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#14
 1,2-Dichlorobenzene
 Concen: 27.82 ng
 RT: 7.95 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BG016680.D
 Acq: 24 Apr 2015 9:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.3	76.9
111	39.5	31.0	46.4





#15

Benzyl Alcohol

Concen: 29.89 ng

RT: 7.85 min Scan# 878

Delta R.T. -0.00 min

Lab File: BG016680.D

Acq: 24 Apr 2015 9:01

Instrument :

BNA_G

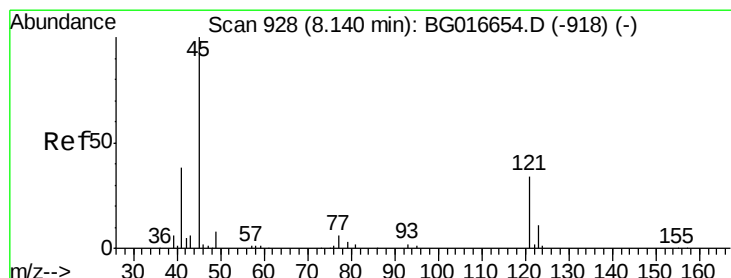
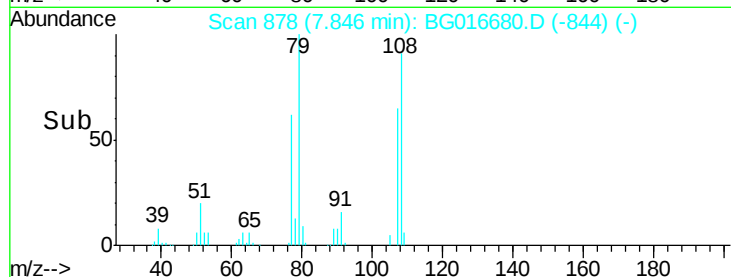
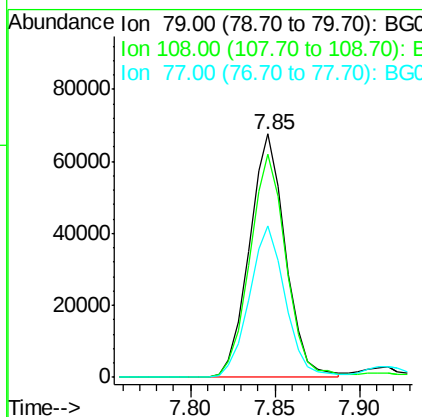
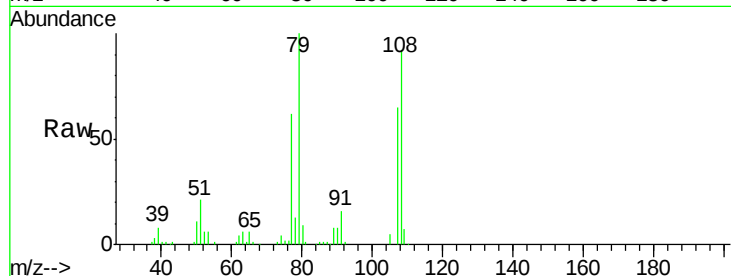
ClientSampleId :

PS-20(5-10)MS

Tot Ion:	79	Resp:	100549
Ion Ratio	Lower	Upper	
79	100		
108	91.5	73.0	109.4
77	62.2	51.8	77.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 29.71 ng

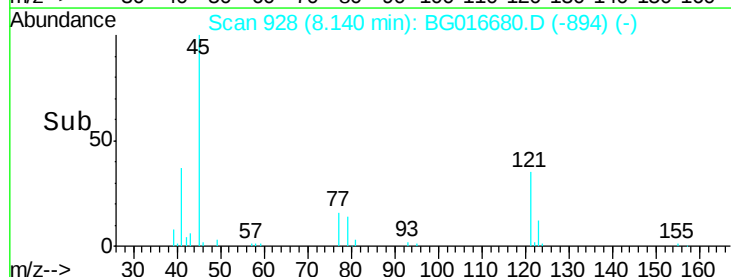
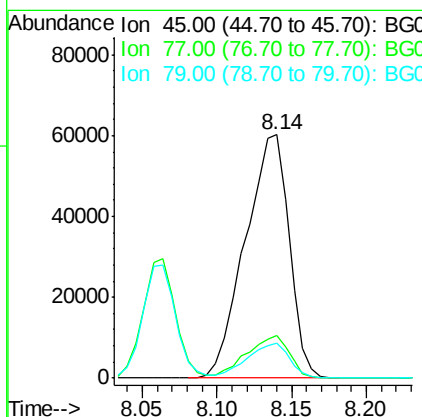
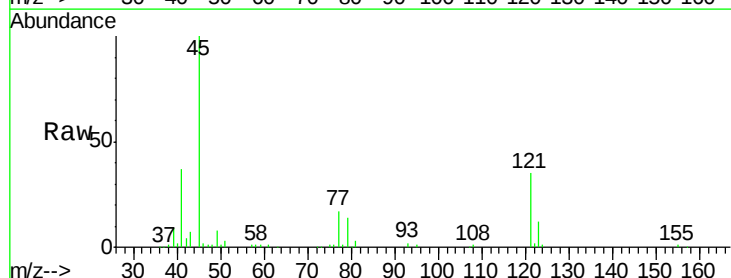
RT: 8.14 min Scan# 928

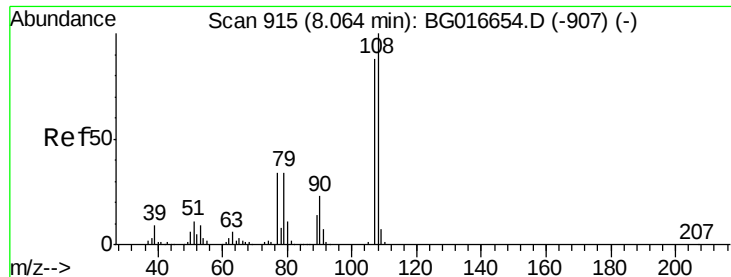
Delta R.T. -0.00 min

Lab File: BG016680.D

Acq: 24 Apr 2015 9:01

Tgt Ion:	45	Resp:	122658
Ion Ratio	Lower	Upper	
45	100		
77	17.4	0.0	37.3
79	14.2	0.0	34.7





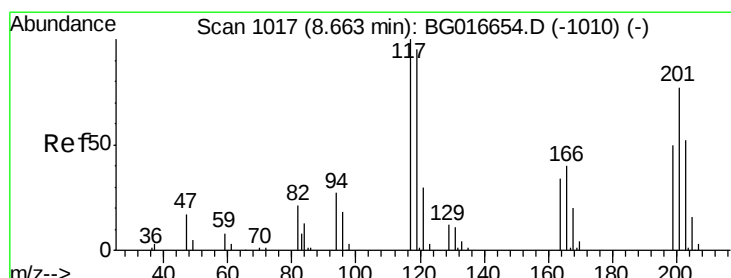
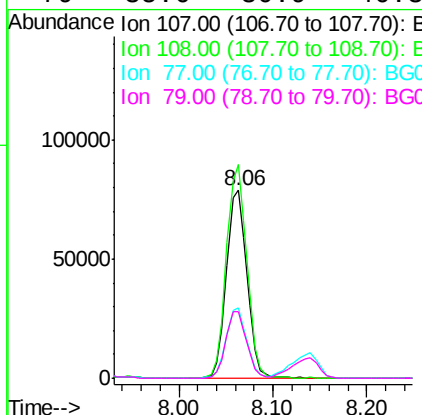
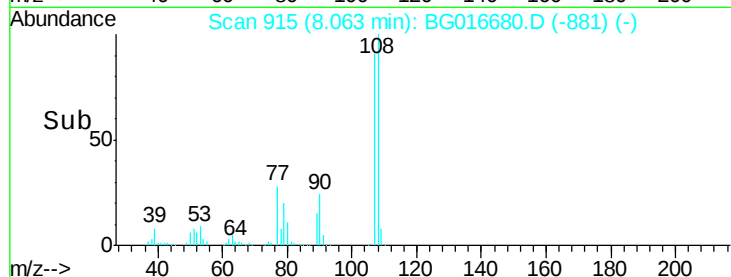
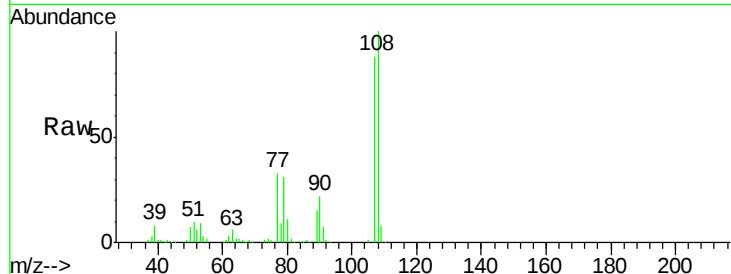
#17
2-Methylphenol
Concen: 31.69 ng
RT: 8.06 min Scan# 915
Delta R.T. -0.00 min
Lab File: BG016680.D
Acq: 24 Apr 2015 9:01

Instrument :
BNA_G
ClientSampleId :
PS-20(5-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	119717		
108	113.9	90.6	135.8	
77	37.6	31.4	47.0	
79	35.6	30.9	46.3	

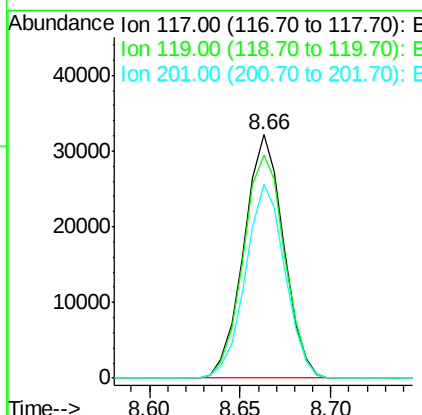
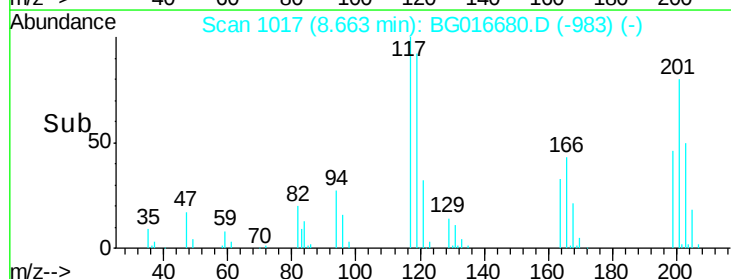
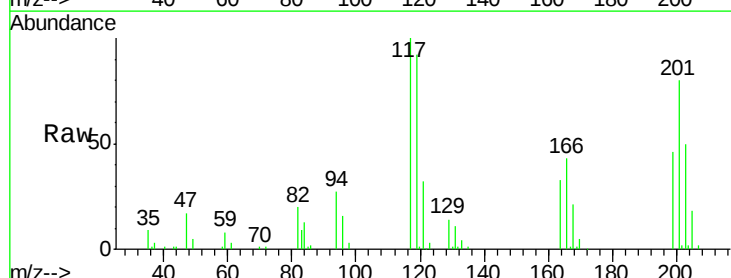
Manual Integrations
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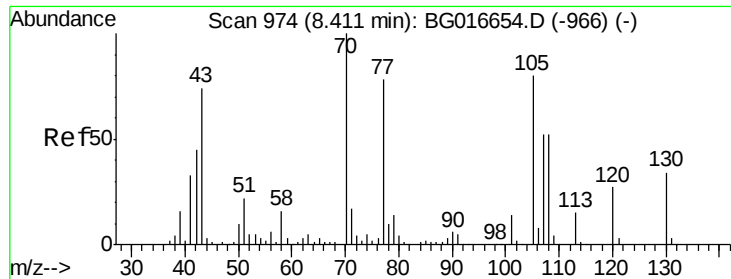
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#18
Hexachloroethane
Concen: 27.77 ng
RT: 8.66 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG016680.D
Acq: 24 Apr 2015 9:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	48877		
119	91.9	76.3	114.5	
201	79.7	61.5	92.3	





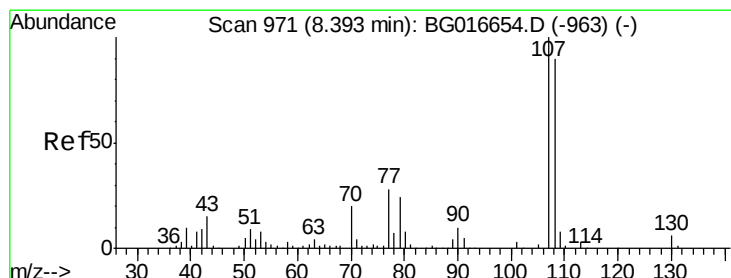
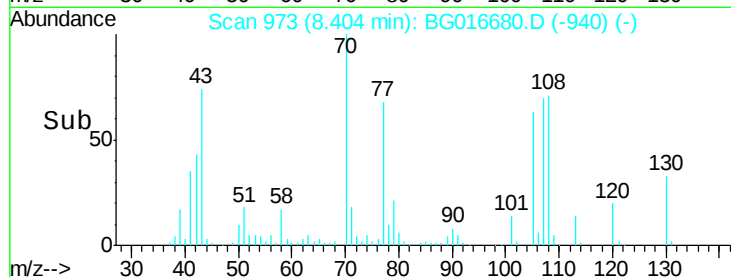
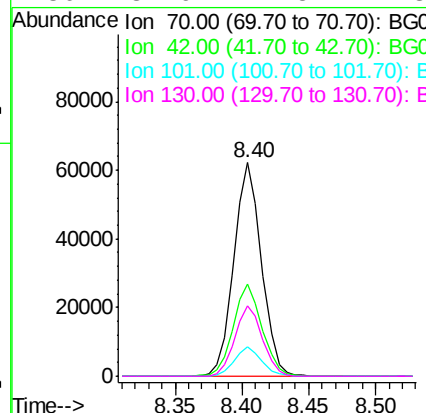
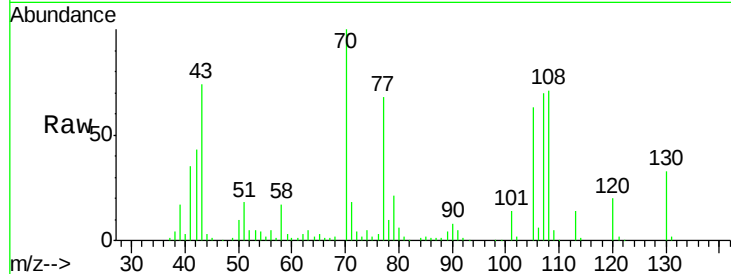
#19
n-Nitroso-di-n-propylamine
Concen: 26.86 ng
RT: 8.40 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG016680.D
Acq: 24 Apr 2015 9:01

Instrument :
BNA_G
ClientSampleId :
PS-20(5-10)MS

Tot Ion:	70	Resp:	89743
Ion Ratio	Lower	Upper	
70	100		
42	43.0	35.7	53.5
101	13.9	11.0	16.4
130	32.9	27.5	41.3

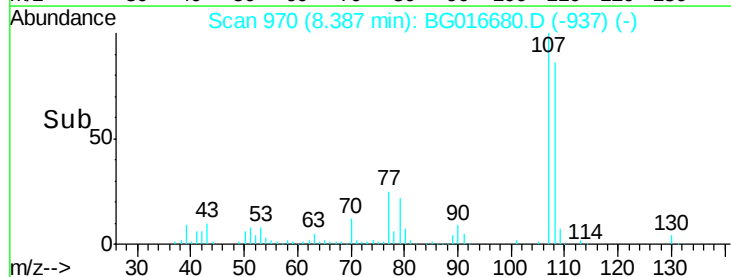
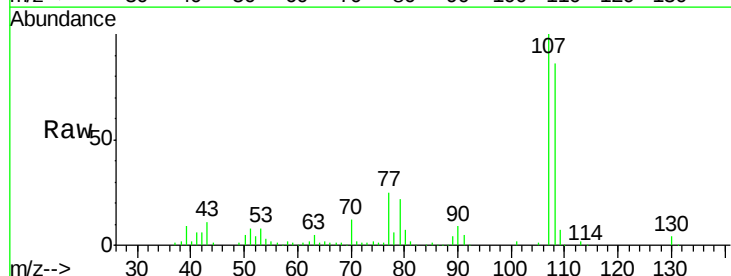
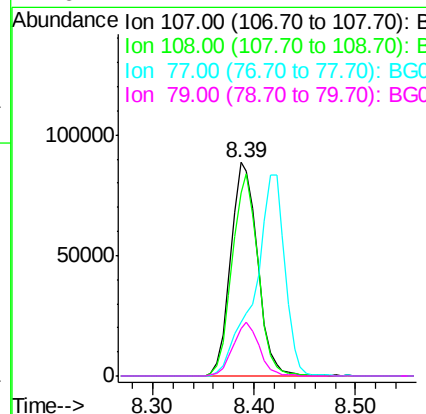
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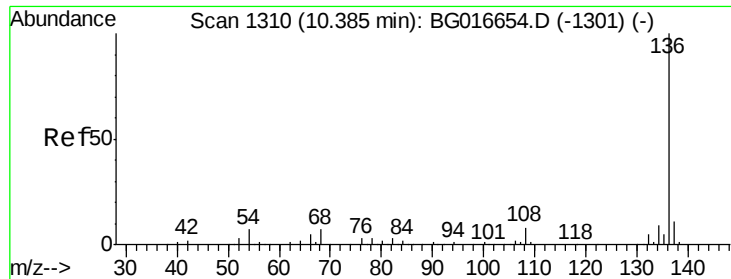
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#20
3+4-Methylphenols
Concen: 30.69 ng
RT: 8.39 min Scan# 970
Delta R.T. -0.01 min
Lab File: BG016680.D
Acq: 24 Apr 2015 9:01

Tgt Ion:	107	Resp:	163006
Ion Ratio	Lower	Upper	
107	100		
108	85.7	69.5	109.5
77	25.2	8.2	48.2
79	22.2	4.2	44.2





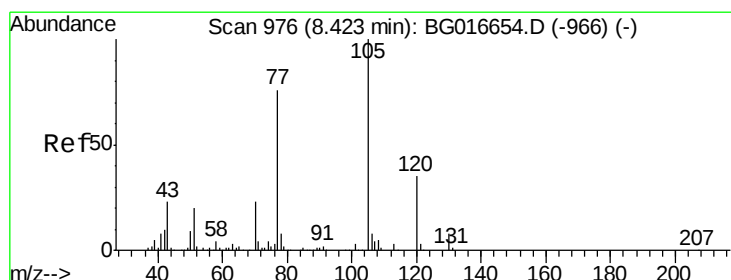
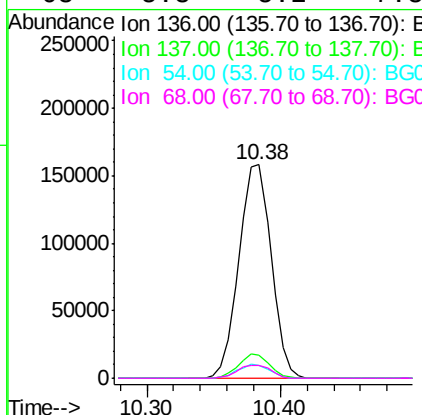
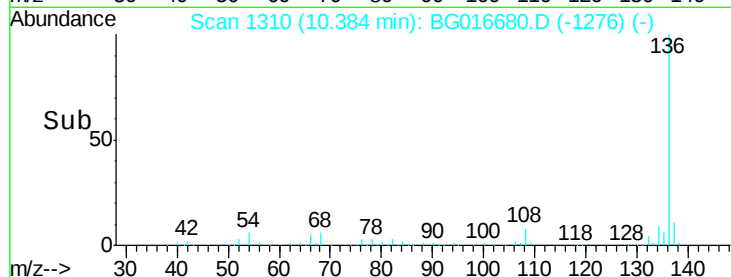
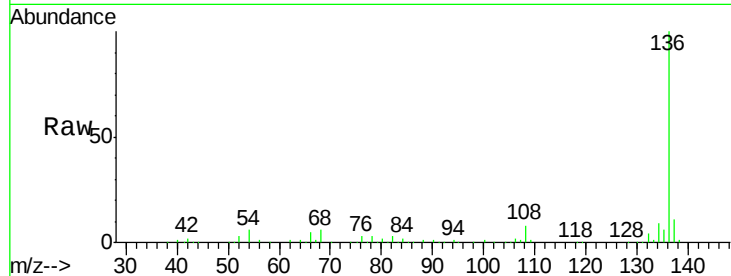
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.38 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BG016680.D
Acq: 24 Apr 2015 9:01

Instrument :
BNA_G
ClientSampleId :
PS-20(5-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	264600		
137	11.0	8.5	12.7	
54	6.0	5.4	8.2	
68	5.8	5.2	7.8	

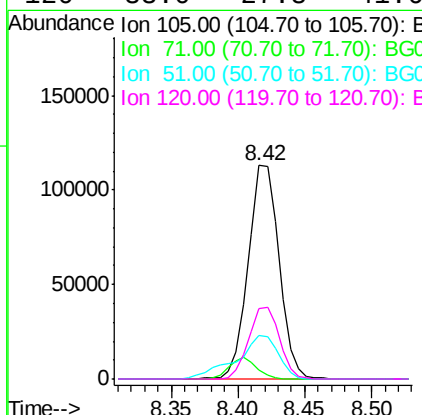
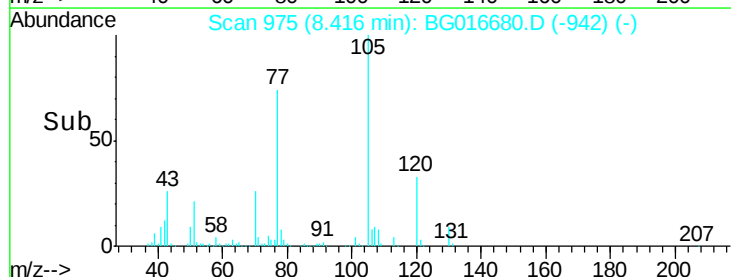
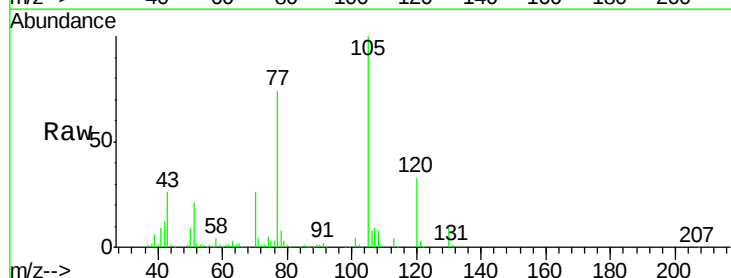
Manual Integrations
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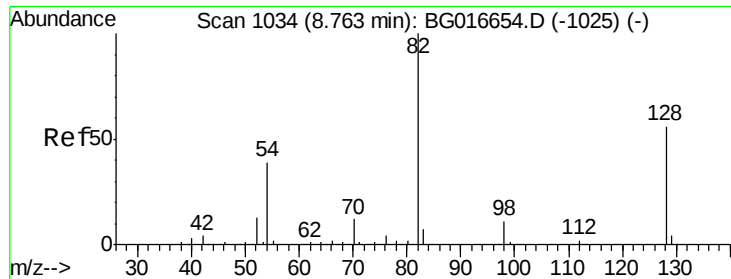
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#22
Acetophenone
Concen: 31.00 ng
RT: 8.42 min Scan# 975
Delta R.T. -0.01 min
Lab File: BG016680.D
Acq: 24 Apr 2015 9:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	180051		
71	4.5	3.0	4.4#	
51	20.5	16.5	24.7	
120	33.0	27.8	41.6	





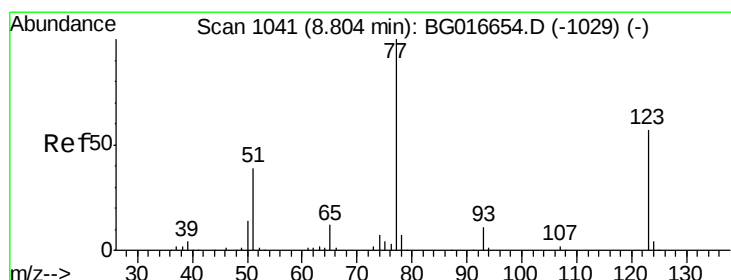
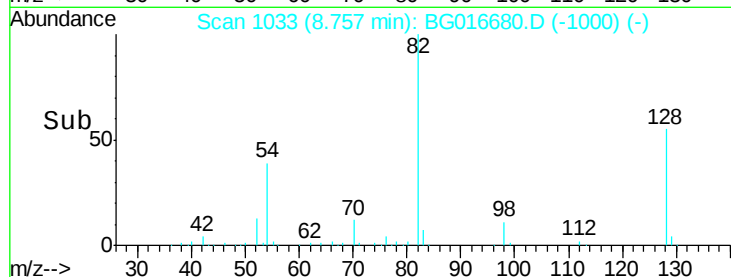
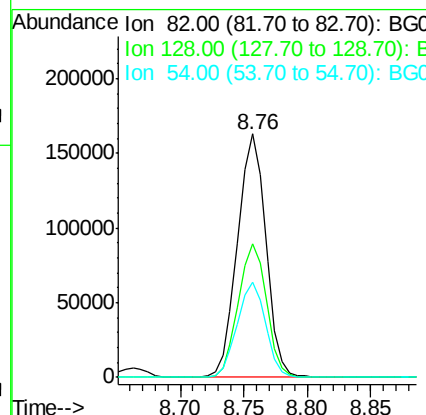
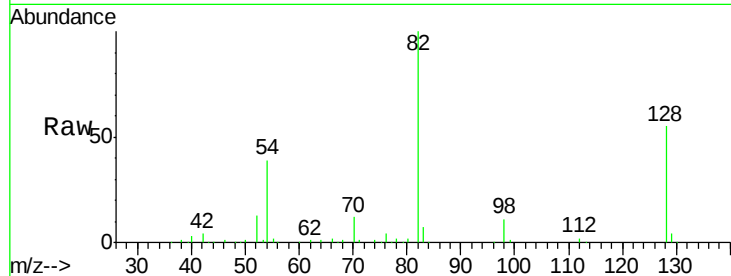
#23
 Nitrobenzene-d5
 Concen: 60.20 ng
 RT: 8.76 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BG016680.D
 Acq: 24 Apr 2015 9:01

Instrument :
 BNA_G
 ClientSampleId :
 PS-20(5-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	252077		
128	54.9	44.7	67.1	
54	38.9	30.9	46.3	

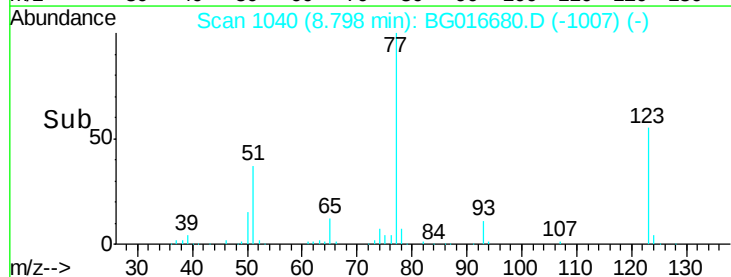
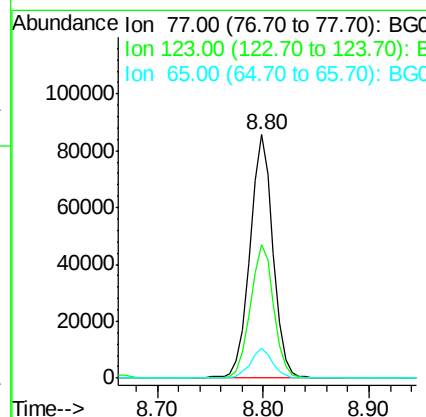
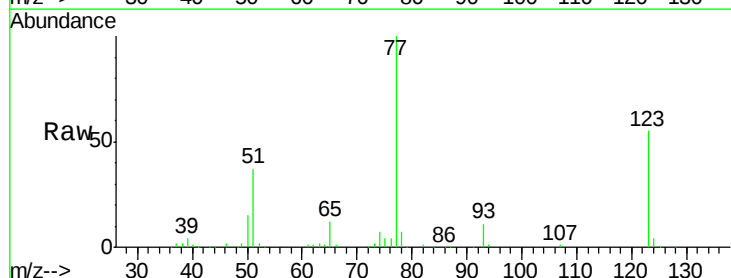
Manual Integrations
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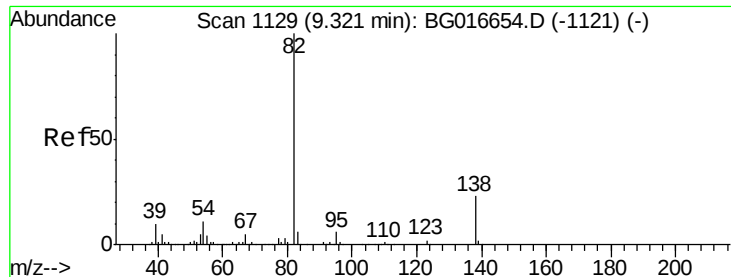
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#24
 Nitrobenzene
 Concen: 29.48 ng
 RT: 8.80 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG016680.D
 Acq: 24 Apr 2015 9:01

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	129648		
123	54.8	45.6	68.4	
65	12.1	9.4	14.2	





#25

Isophorone

Concen: 28.82 ng

RT: 9.31 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BG016680.D

Acq: 24 Apr 2015 9:01

Instrument :

BNA_G

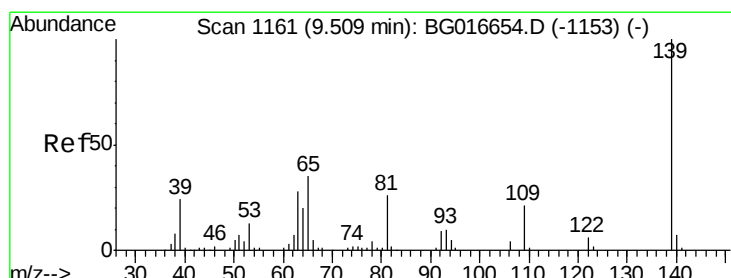
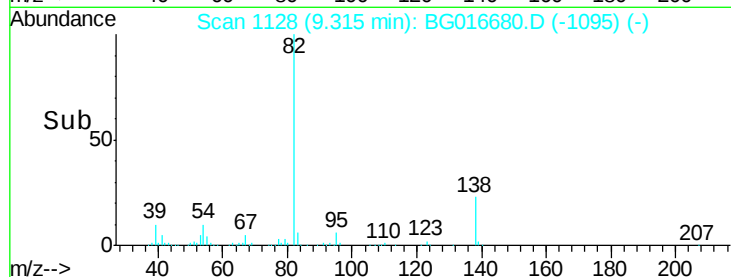
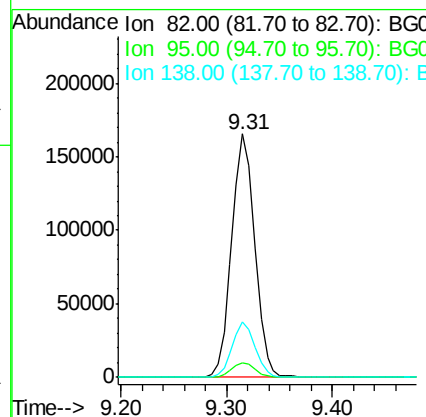
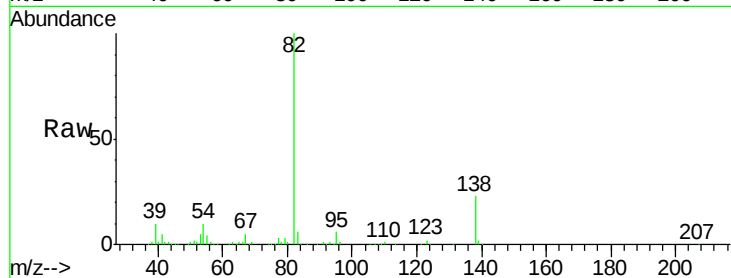
ClientSampleId :

PS-20(5-10)MS

Tot Ion:	82	Resp:	250112
Ion Ratio		Lower	Upper
82	100		
95	6.0	5.0	7.6
138	22.6	18.2	27.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 29.78 ng

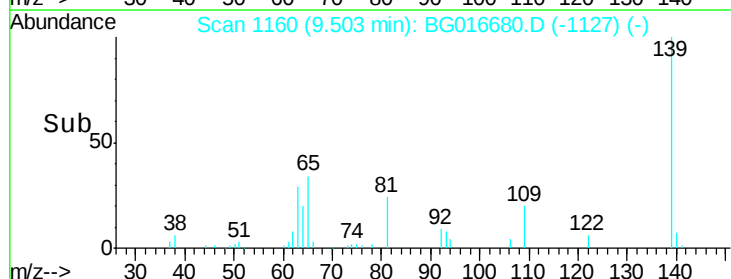
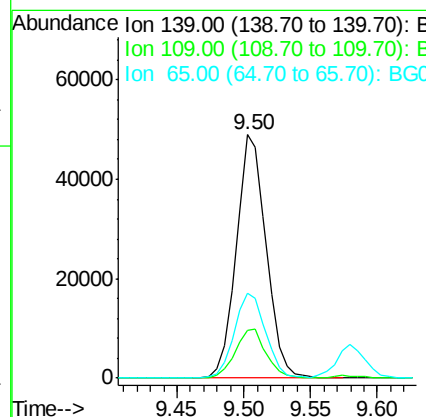
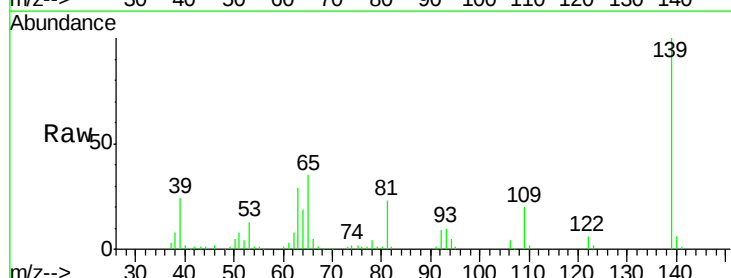
RT: 9.50 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BG016680.D

Acq: 24 Apr 2015 9:01

Tgt Ion:	139	Resp:	75980
Ion Ratio		Lower	Upper
139	100		
109	19.8	17.0	25.6
65	34.8	28.2	42.4





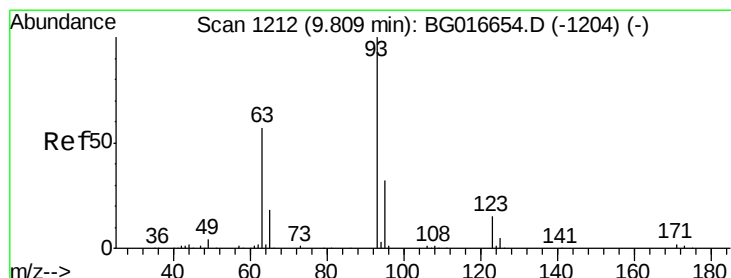
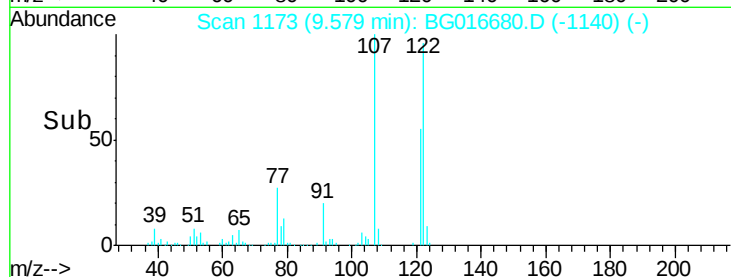
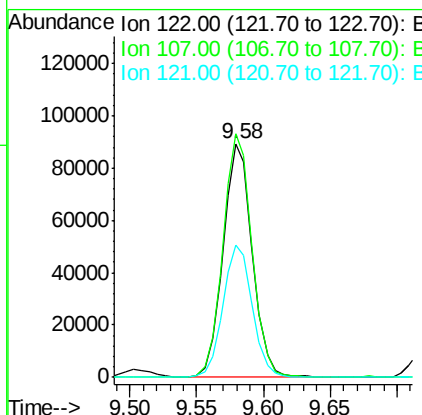
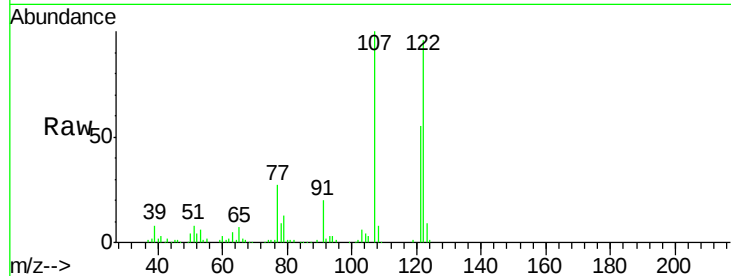
#27
 2,4-Dimethylphenol
 Concen: 32.15 ng
 RT: 9.58 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BG016680.D
 Acq: 24 Apr 2015 9:01

Instrument :
 BNA_G
 ClientSampleId :
 PS-20(5-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	136997		
107	104.1	83.6	125.4	
121	56.7	46.8	70.2	

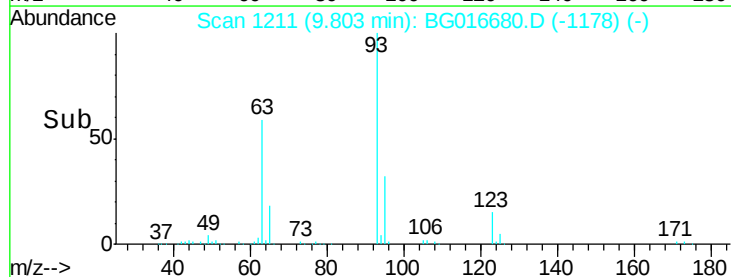
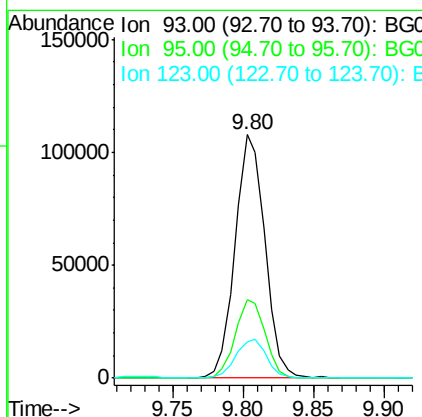
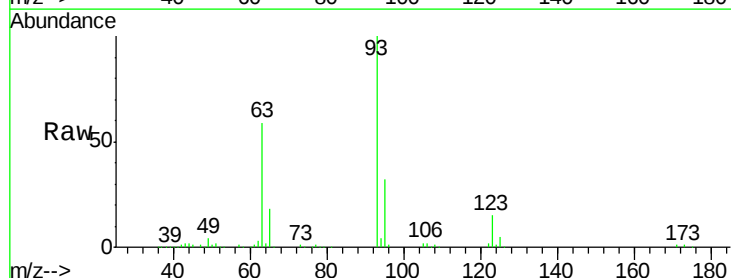
Manual Integrations
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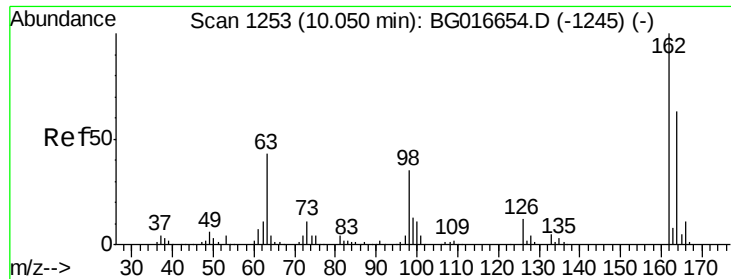
apatel
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#28
 bis(2-Chloroethoxy)methane
 Concen: 30.35 ng
 RT: 9.80 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BG016680.D
 Acq: 24 Apr 2015 9:01

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	158950		
95	32.2	25.4	38.2	
123	15.1	12.2	18.4	





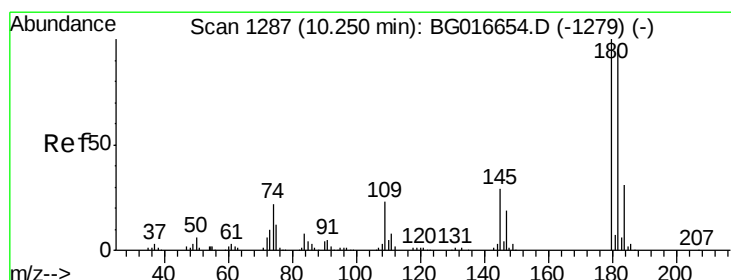
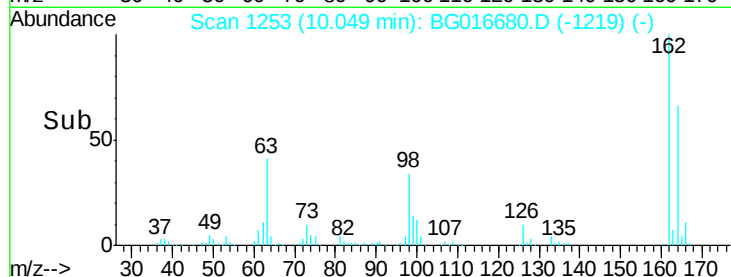
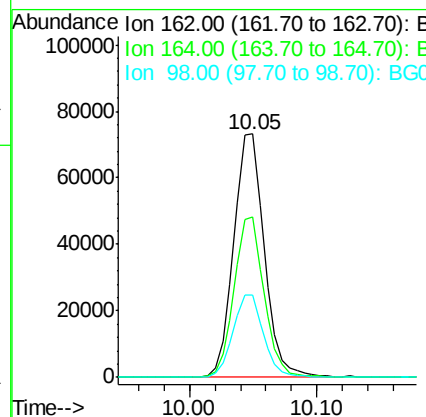
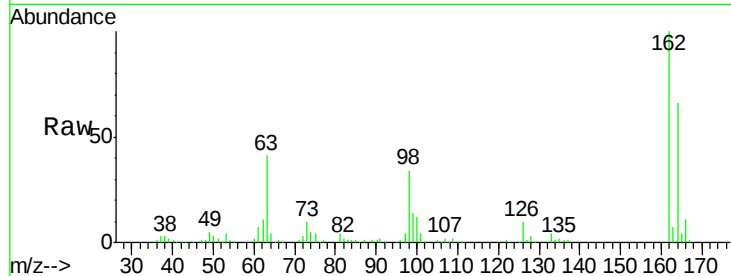
#29
 2,4-Dichlorophenol
 Concen: 33.60 ng
 RT: 10.05 min Scan# 1253
 Delta R.T. -0.00 min
 Lab File: BG016680.D
 Acq: 24 Apr 2015 9:01

Instrument :
 BNA_G
 ClientSampleId :
 PS-20(5-10)MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.9	42.9	82.9
98	33.9	15.4	55.4

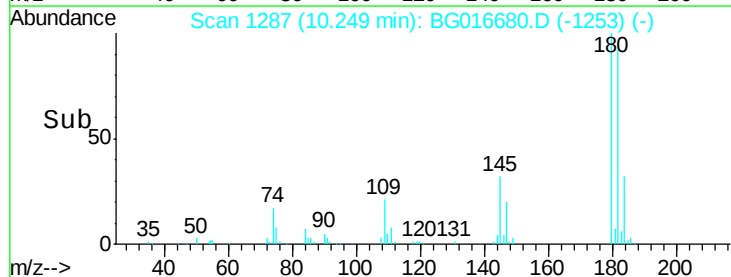
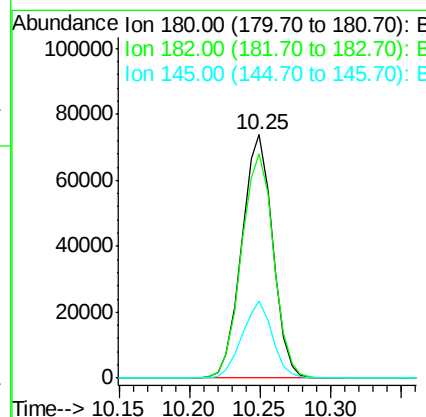
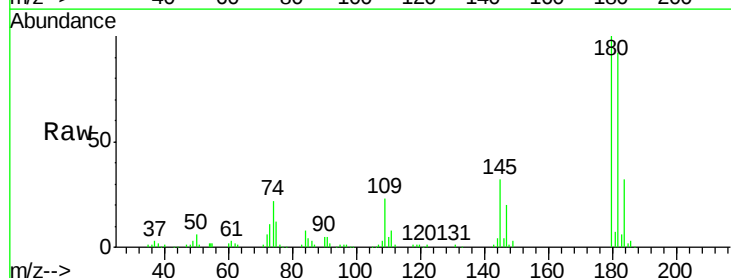
Manual Integrations
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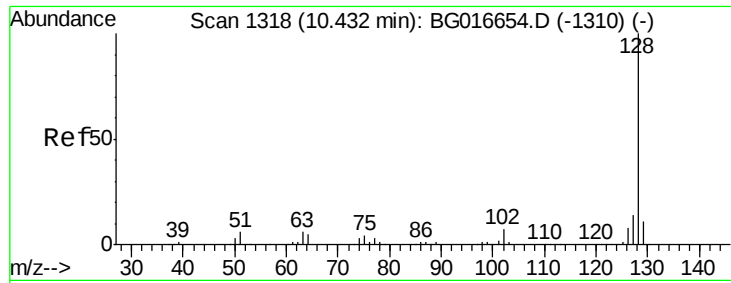
apatel
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#30
 1,2,4-Trichlorobenzene
 Concen: 29.45 ng
 RT: 10.25 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: BG016680.D
 Acq: 24 Apr 2015 9:01

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	92.3	76.2	114.4
145	31.8	23.2	34.8





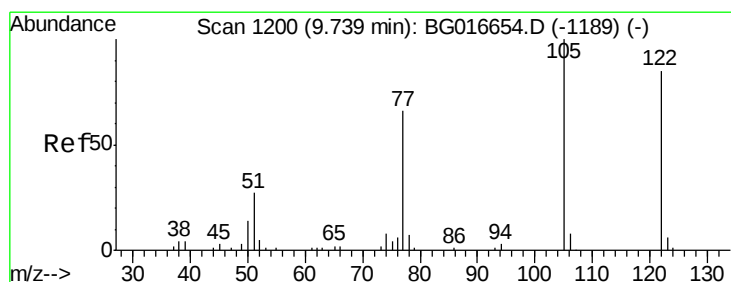
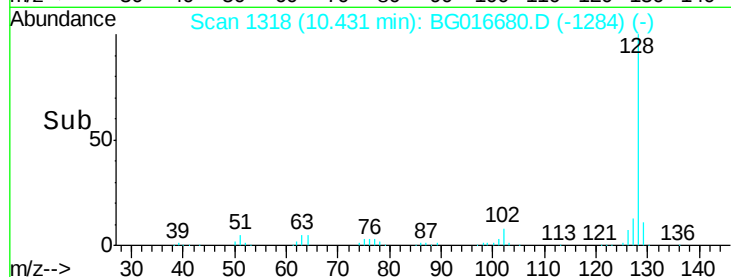
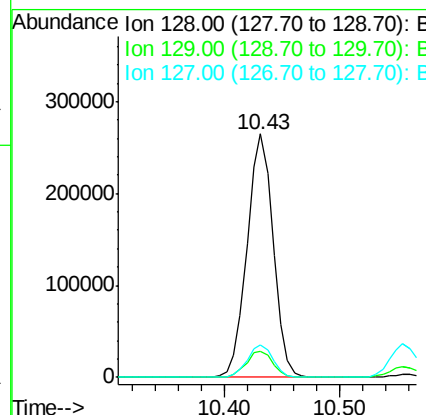
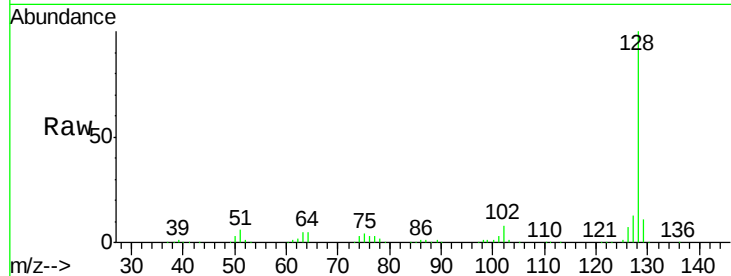
#31
Naphthalene
Concen: 29.73 ng
RT: 10.43 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG016680.D
Acq: 24 Apr 2015 9:01

Instrument :
BNA_G
ClientSampleId :
PS-20(5-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.9	9.0	13.6	
127	13.5	11.1	16.7	

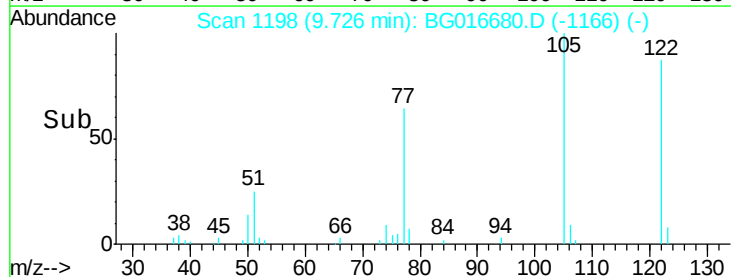
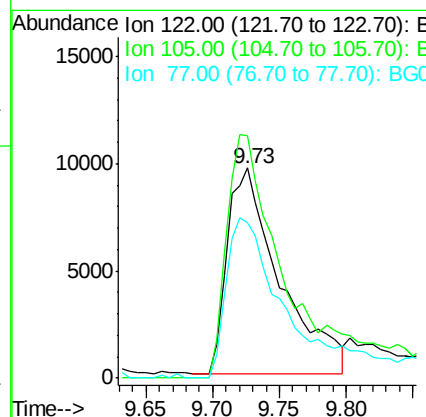
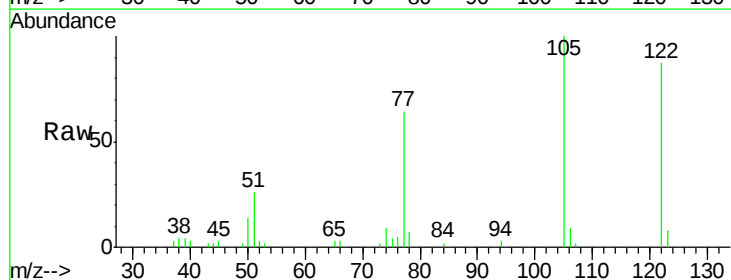
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#32
Benzoic acid
Concen: 18.22 ng
RT: 9.73 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BG016680.D
Acq: 24 Apr 2015 9:01

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	115.2	97.2	137.2	
77	73.9	58.4	98.4	





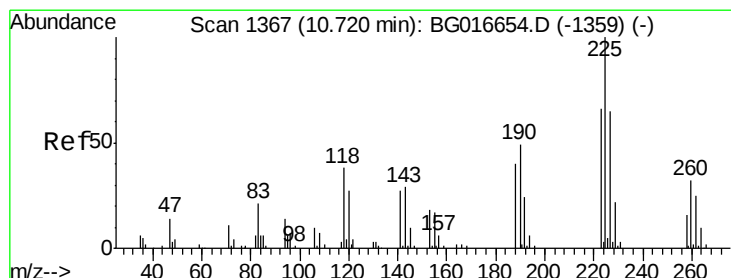
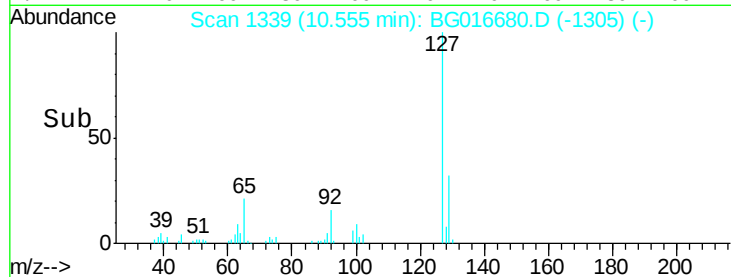
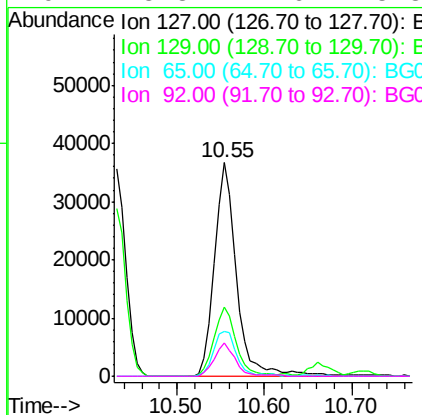
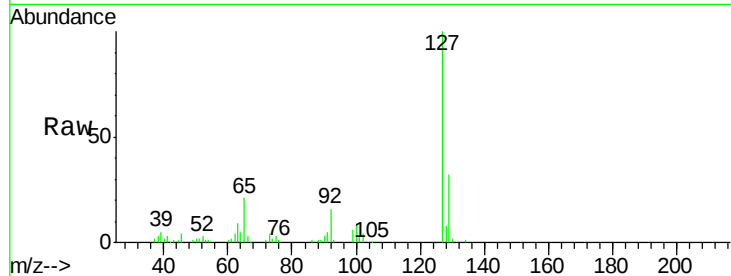
#33
4-Chloroaniline
Concen: 10.07 ng
RT: 10.55 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BG016680.D
Acq: 24 Apr 2015 9:01

Instrument :
BNA_G
ClientSampleId :
PS-20(5-10)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		64697		
129	32.4	27.4	41.2		
65	20.8	19.1	28.7		
92	15.8	12.6	18.8		

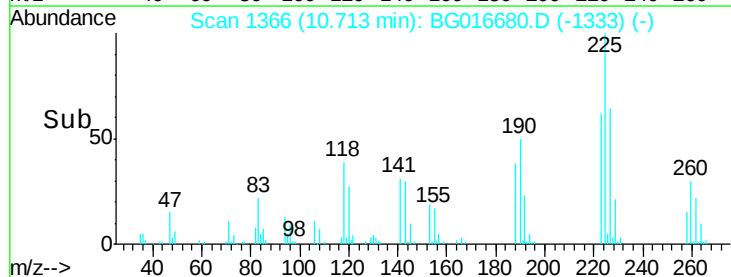
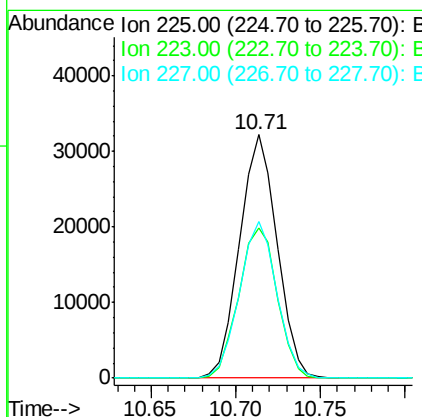
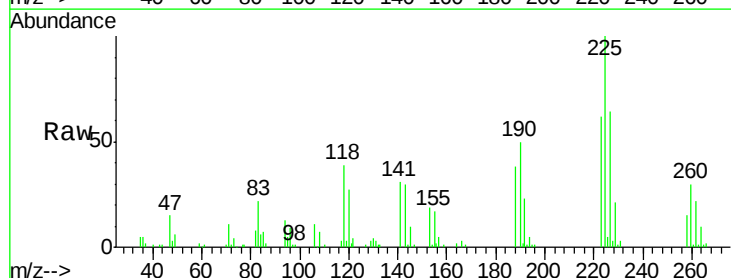
Manual Integrations
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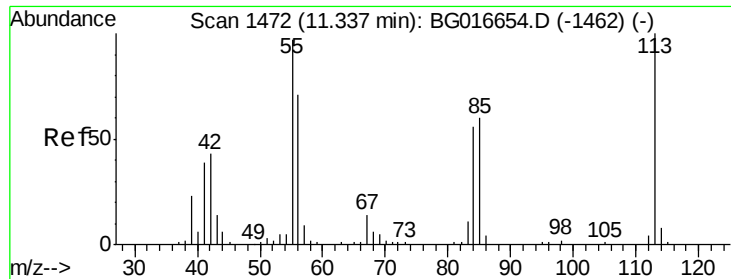
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#34
Hexachlorobutadiene
Concen: 29.05 ng
RT: 10.71 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BG016680.D
Acq: 24 Apr 2015 9:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		49813		
223	61.9	52.6	79.0		
227	64.3	52.0	78.0		





#35

Caprolactam

Concen: 30.03 ng/ml

RT: 11.32 min Scan# 1469

Delta R.T. -0.02 min

Lab File: BG016680.D

Acq: 24 Apr 2015 9:01

Instrument :

BNA_G

ClientSampleId :

PS-20(5-10)MS

Tot Ion:113 Resp: 58635

Ion Ratio Lower Upper

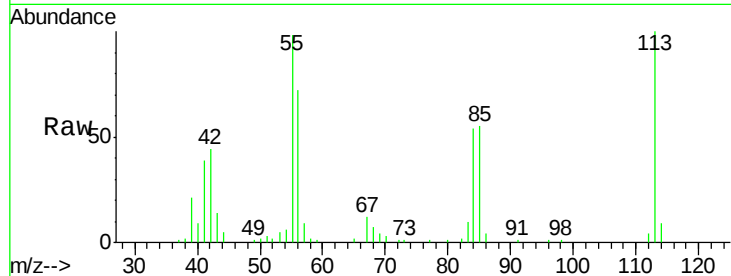
113 100

55 98.4 77.1 117.1

56 72.0 51.4 91.4

Manual Integrations
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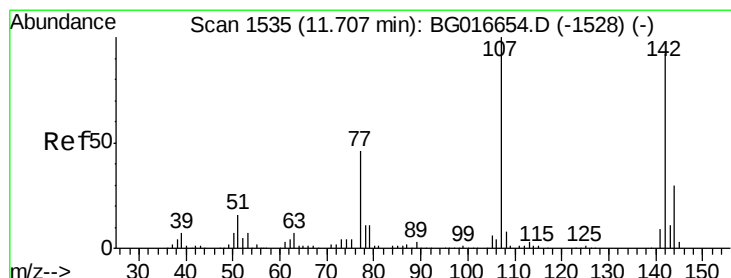
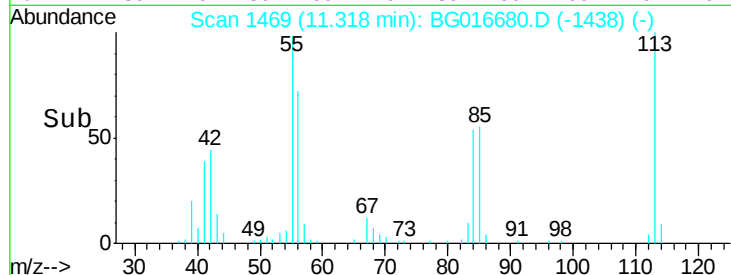
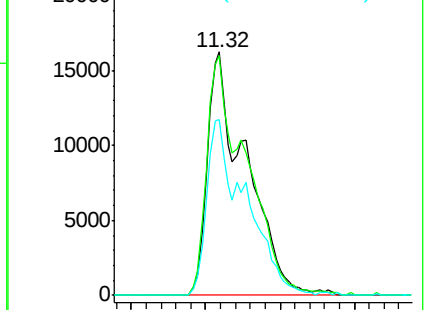
apatel
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 32.20 ng/ml

RT: 11.70 min Scan# 1534

Delta R.T. -0.01 min

Lab File: BG016680.D

Acq: 24 Apr 2015 9:01

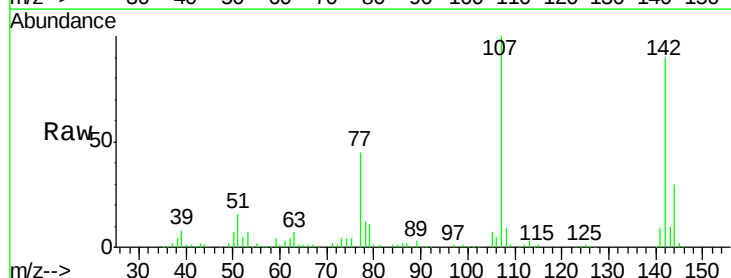
Tgt Ion:107 Resp: 135607

Ion Ratio Lower Upper

107 100

144 29.6 24.2 36.4

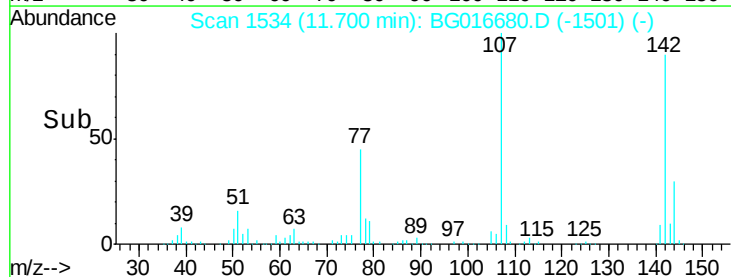
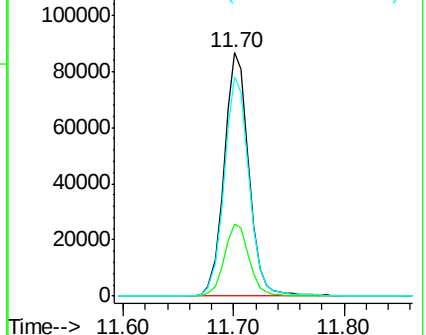
142 89.8 73.8 110.6

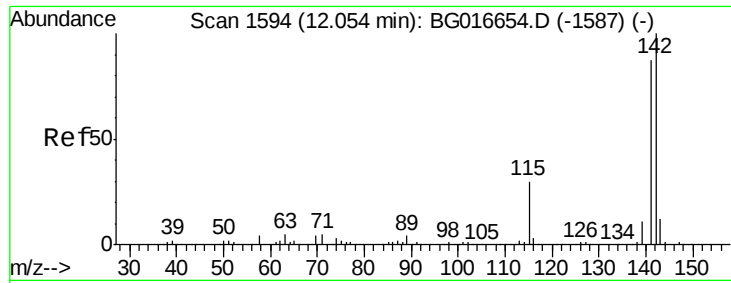


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





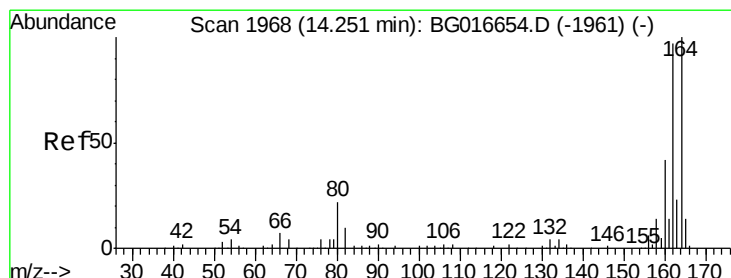
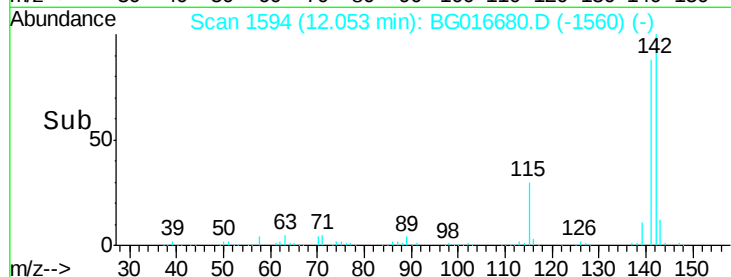
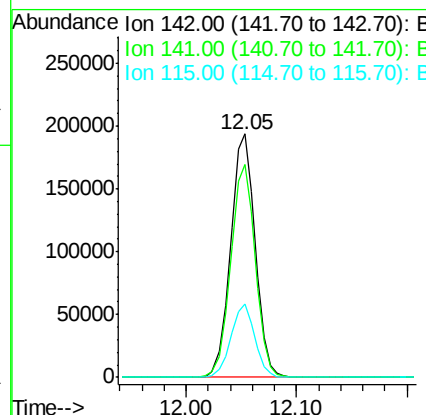
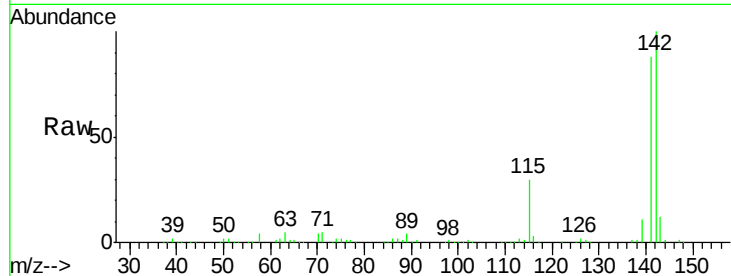
#37
2-Methylnaphthalene
Concen: 29.88 ng
RT: 12.05 min Scan# 1594
Delta R.T. -0.00 min
Lab File: BG016680.D
Acq: 24 Apr 2015 9:01

Instrument :
BNA_G
ClientSampleId :
PS-20(5-10)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	69.9	104.9
115	30.3	24.0	36.0

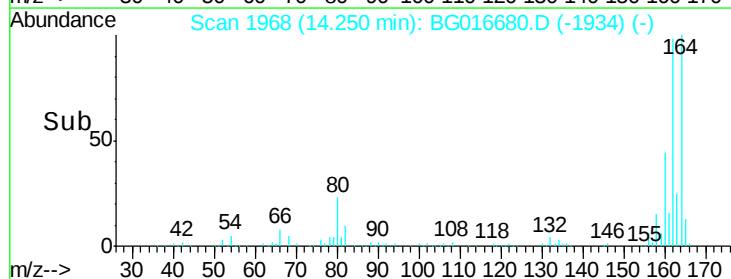
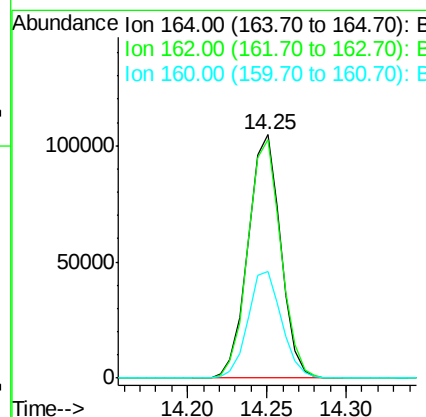
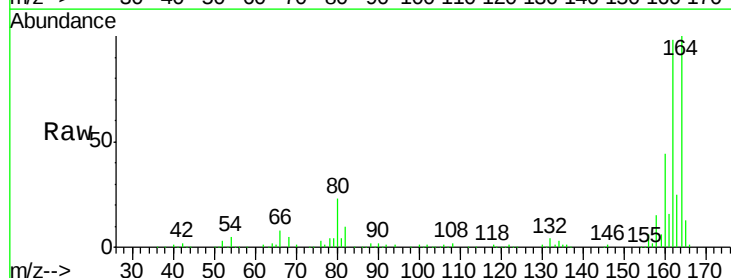
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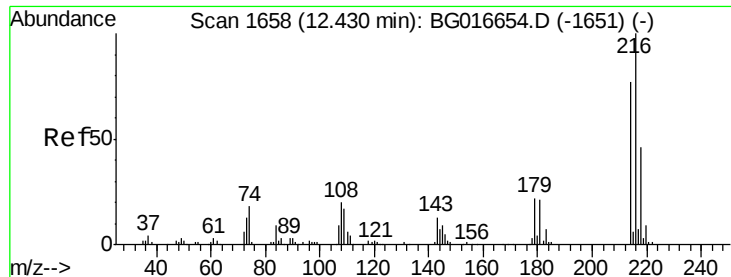
apatel
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.25 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG016680.D
Acq: 24 Apr 2015 9:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.1	77.3	115.9
160	43.8	33.7	50.5





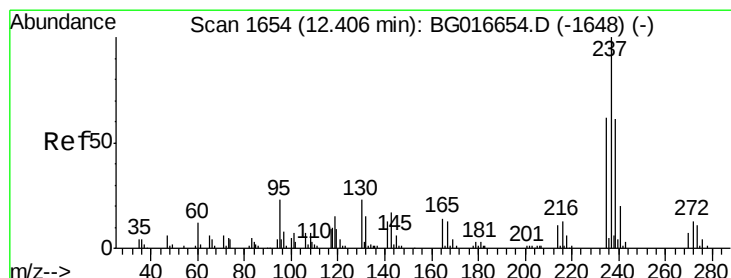
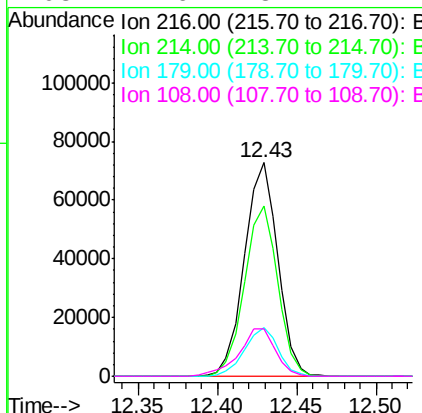
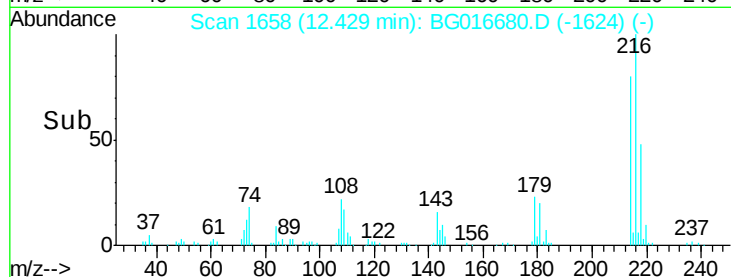
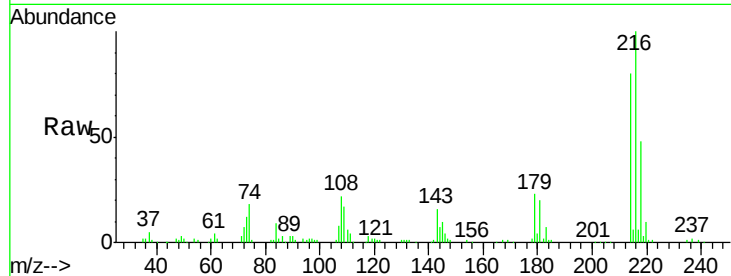
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 29.88 ng
 RT: 12.43 min Scan# 1658
 Delta R.T. -0.00 min
 Lab File: BG016680.D
 Acq: 24 Apr 2015 9:01

Instrument :
 BNA_G
 ClientSampleId :
 PS-20(5-10)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.2	63.8	95.8		
179	22.7	17.6	26.4		
108	24.6	18.1	27.1		

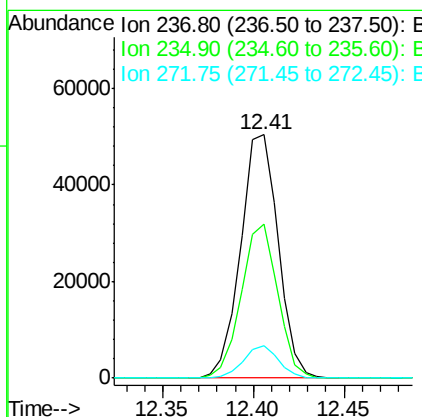
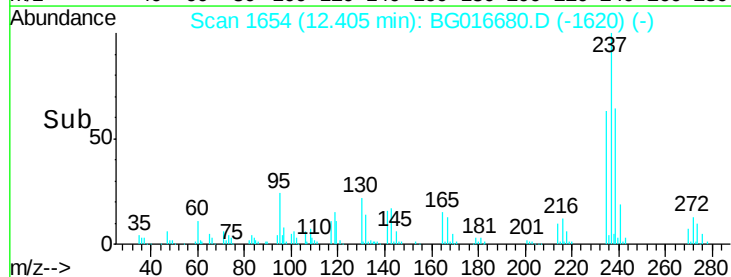
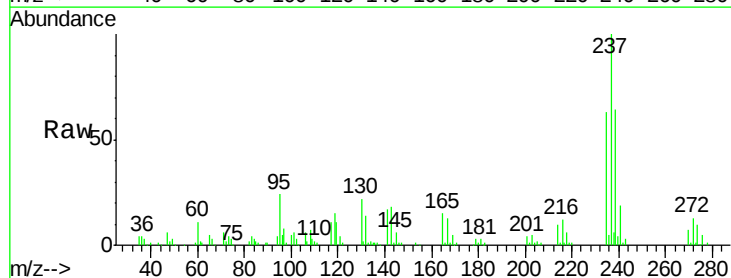
Manual Integrations
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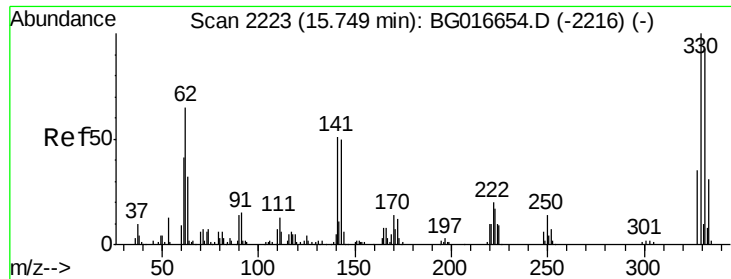
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#40
 Hexachlorocyclopentadiene
 Concen: 55.39 ng
 RT: 12.41 min Scan# 1654
 Delta R.T. -0.00 min
 Lab File: BG016680.D
 Acq: 24 Apr 2015 9:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.0	42.2	82.2		
272	13.2	0.0	32.8		





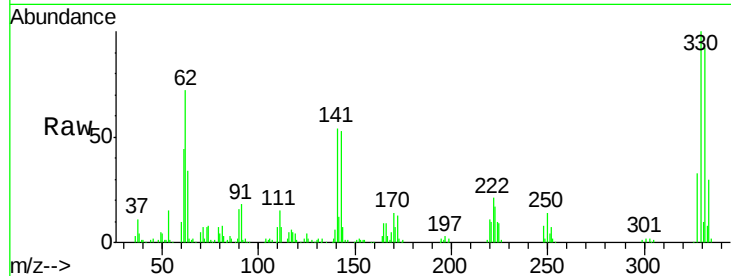
#41
 2,4,6-Tribromophenol
 Concen: 95.60 ng
 RT: 15.74 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BG016680.D
 Acq: 24 Apr 2015 9:01

Instrument :
 BNA_G
 ClientSampleId :
 PS-20(5-10)MS

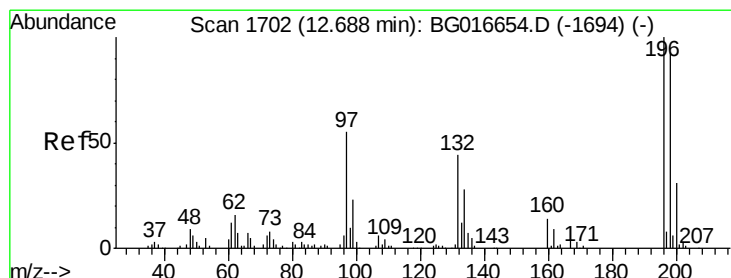
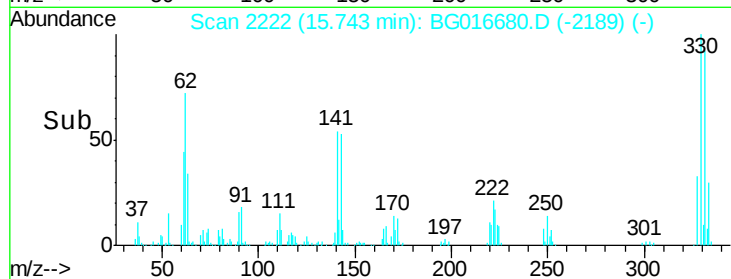
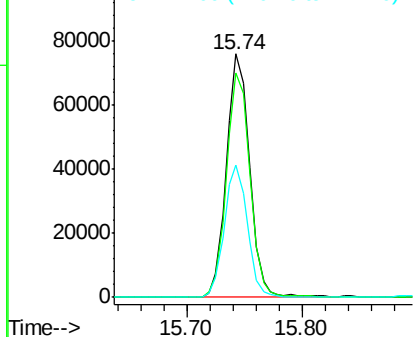
Tot Ion	Ratio	Resp	Lower	Upper
330	100	105743		
332	93.3	76.2	114.4	
141	54.0	43.0	64.6	

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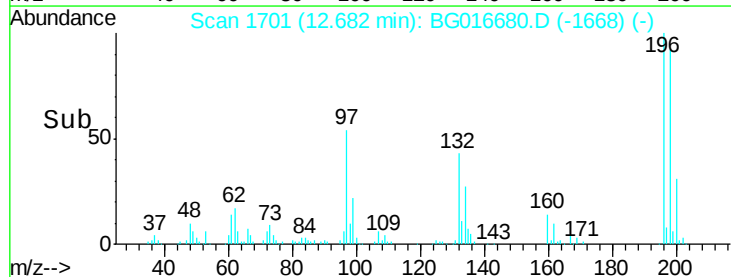
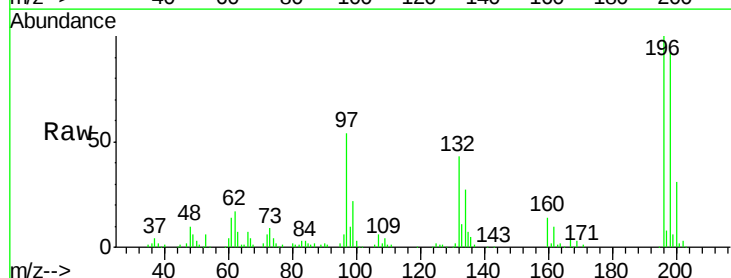
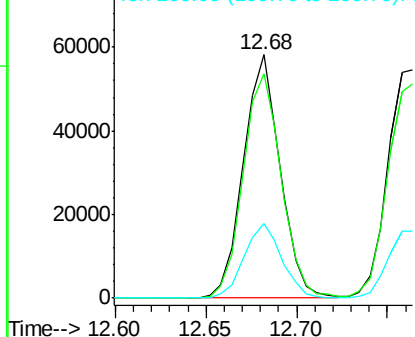
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

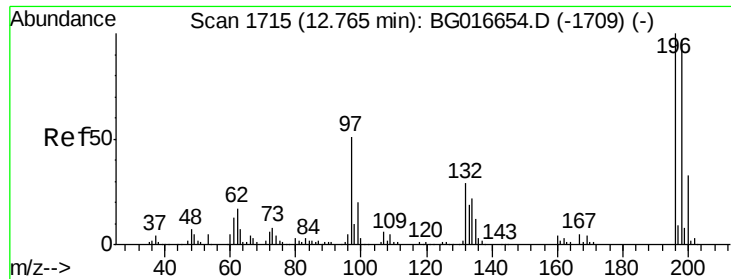


#42
 2,4,6-Trichlorophenol
 Concen: 31.60 ng
 RT: 12.68 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BG016680.D
 Acq: 24 Apr 2015 9:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	82014		
198	92.1	74.6	111.8	
200	30.8	24.6	37.0	

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





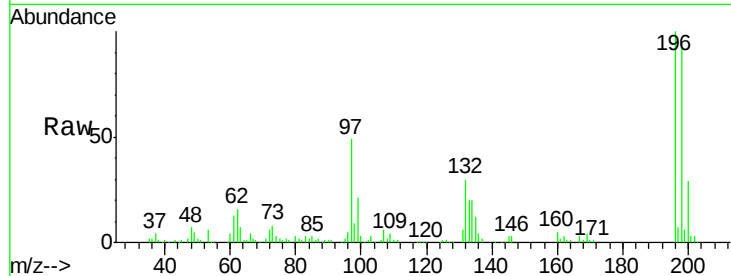
#43
 2,4,5-Trichlorophenol
 Concen: 33.04 ng
 RT: 12.76 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG016680.D
 Acq: 24 Apr 2015 9:01

Instrument :
 BNA_G
 ClientSampleId :
 PS-20(5-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	90743		
198	93.5		77.4	116.0
97	48.6		40.9	61.3
132	30.4		23.2	34.8

Manual Integrations
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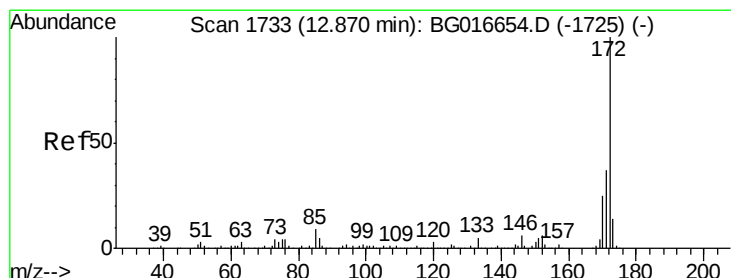
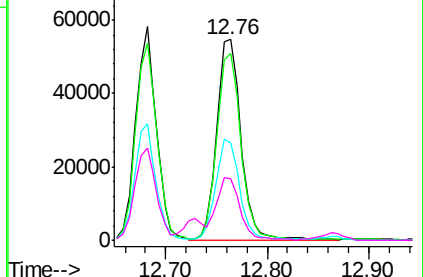
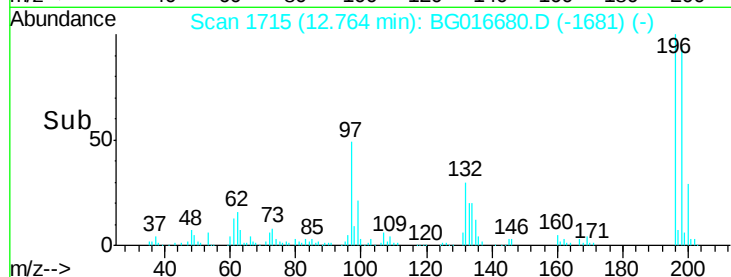
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

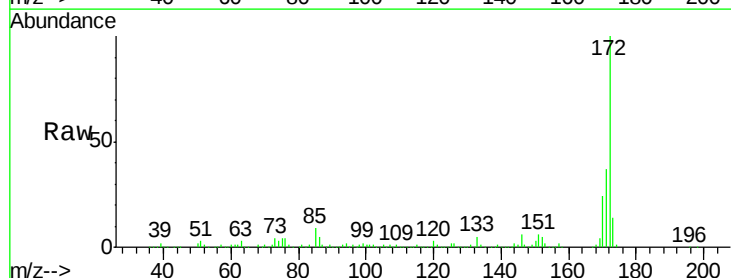
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 63.30 ng
 RT: 12.86 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG016680.D
 Acq: 24 Apr 2015 9:01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	587431		
171	36.6		29.9	44.9
170	24.0		19.8	29.8

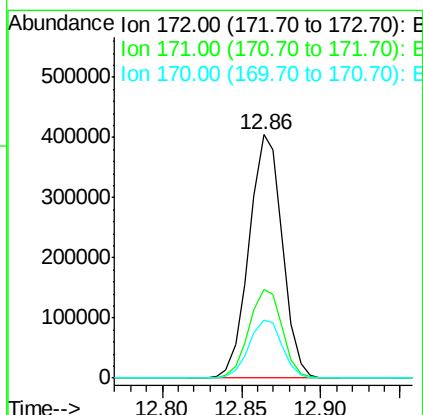
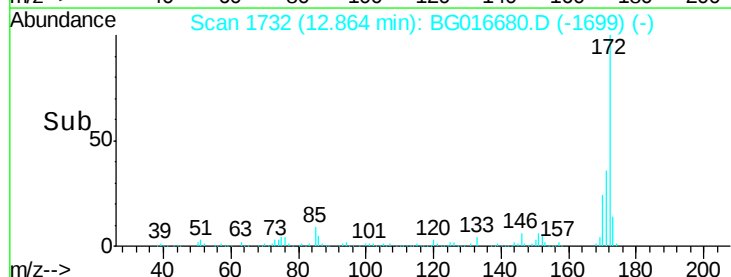


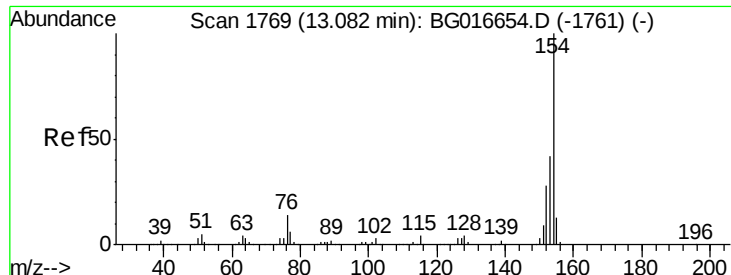
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





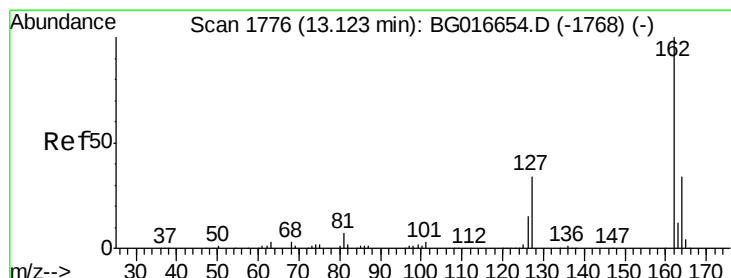
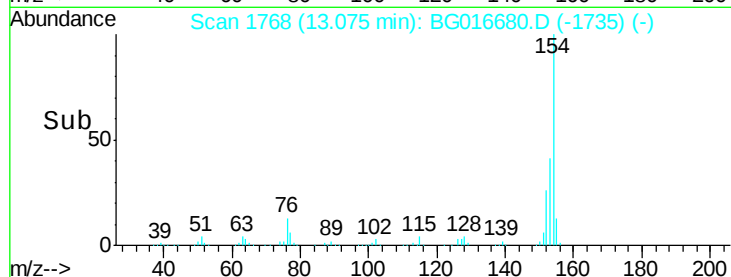
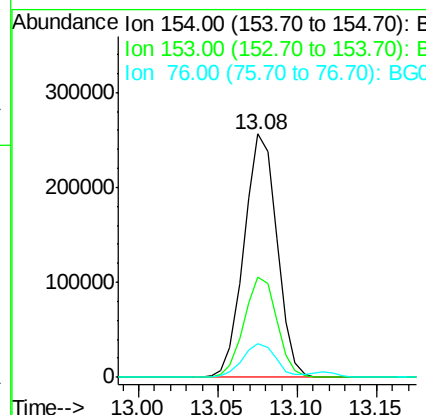
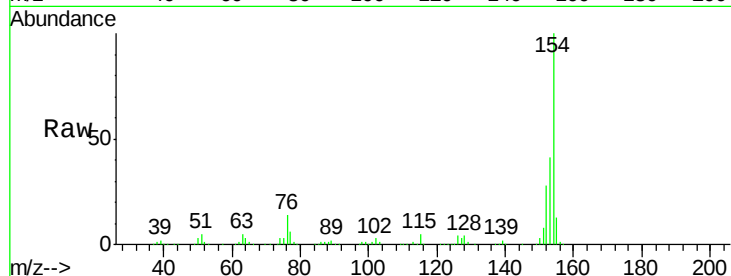
#45
 1,1'-Biphenyl
 Concen: 31.46 ng
 RT: 13.08 min Scan# 1768
 Delta R.T. -0.01 min
 Lab File: BG016680.D
 Acq: 24 Apr 2015 9:01

Instrument :
 BNA_G
 ClientSampleId :
 PS-20(5-10)MS

Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	41.0	21.8	61.8
76	13.9	0.0	33.7

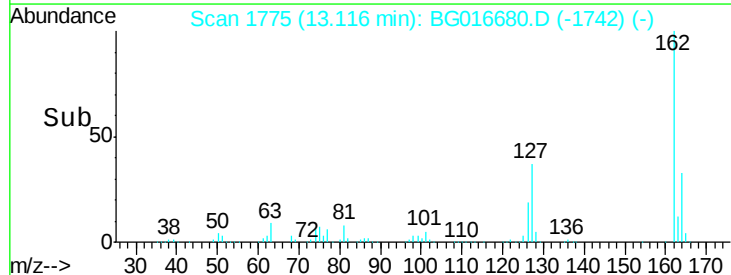
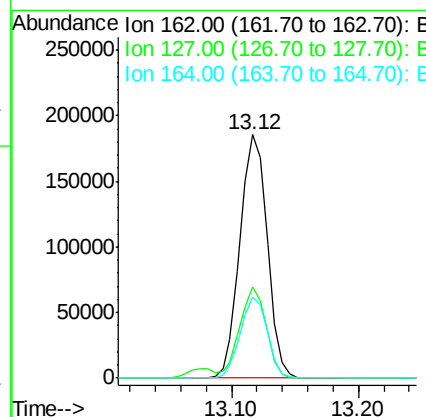
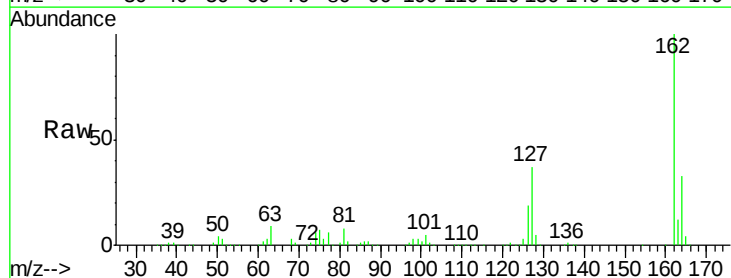
Manual Integrations
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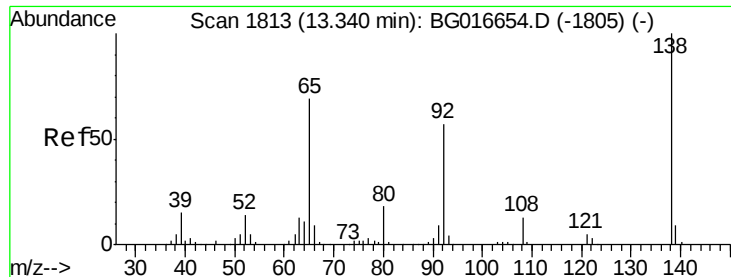
apatel
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#46
 2-Chloronaphthalene
 Concen: 30.67 ng
 RT: 13.12 min Scan# 1775
 Delta R.T. -0.01 min
 Lab File: BG016680.D
 Acq: 24 Apr 2015 9:01

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	37.4	30.4	45.6
164	33.4	26.9	40.3





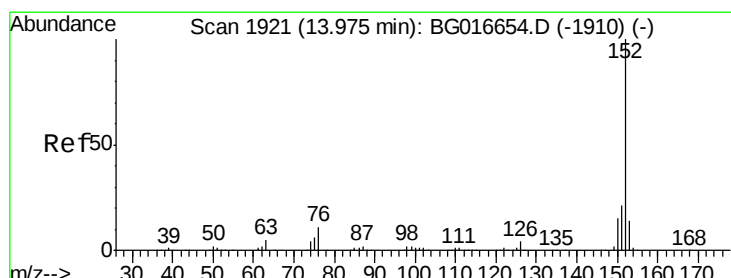
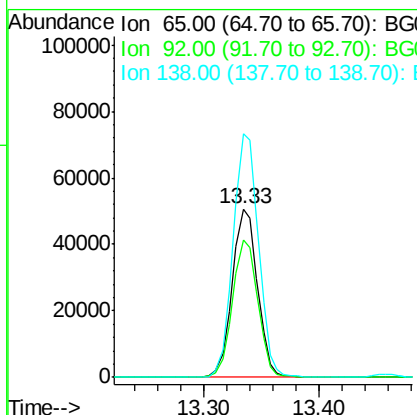
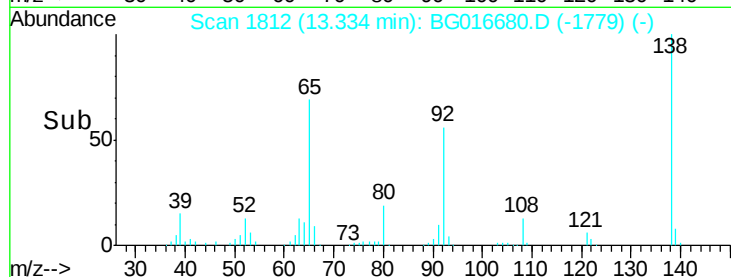
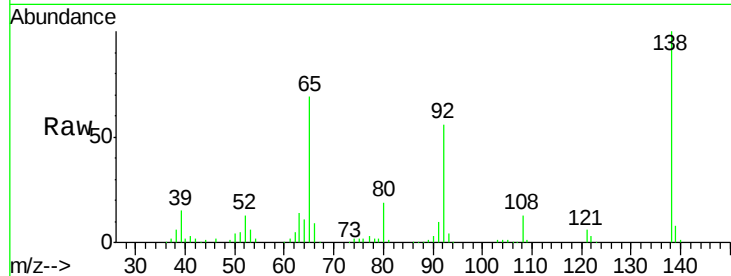
#47
 2-Nitroaniline
 Concen: 31.34 ng
 RT: 13.33 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BG016680.D
 Acq: 24 Apr 2015 9:01

Instrument :
 BNA_G
 ClientSampleId :
 PS-20(5-10)MS

Tot Ion:	65	Resp:	76954
Ion Ratio	Lower	Upper	
65	100		
92	81.4	65.9	98.9
138	144.4	115.4	173.2

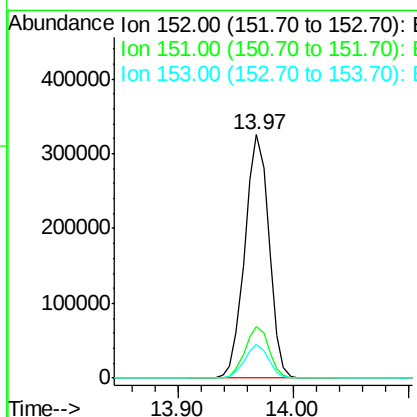
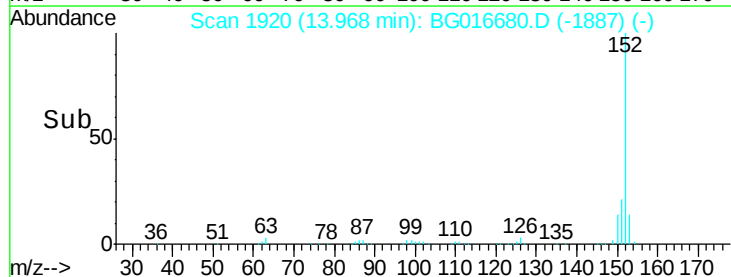
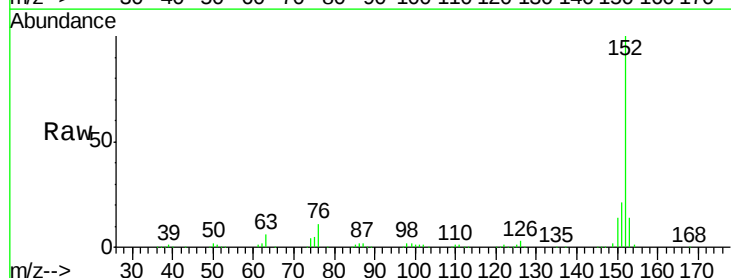
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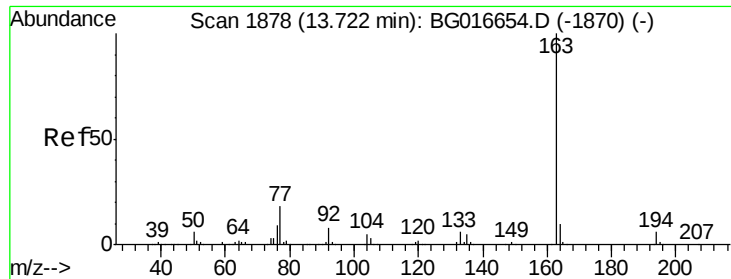
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#48
 Acenaphthylene
 Concen: 30.04 ng
 RT: 13.97 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BG016680.D
 Acq: 24 Apr 2015 9:01

Tgt Ion:	152	Resp:	473561
Ion Ratio	Lower	Upper	
152	100		
151	21.2	16.7	25.1
153	13.6	11.0	16.6





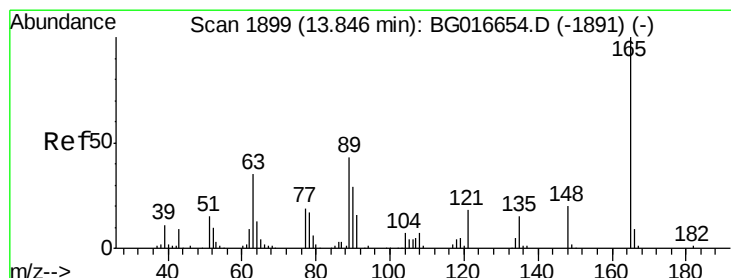
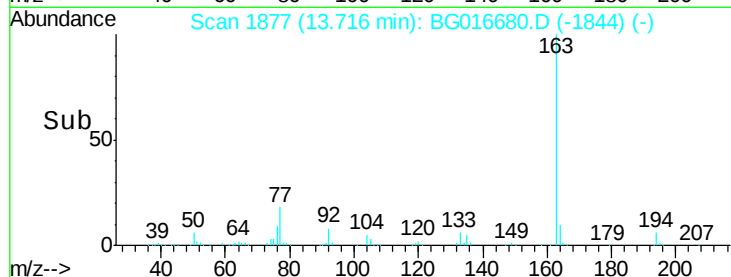
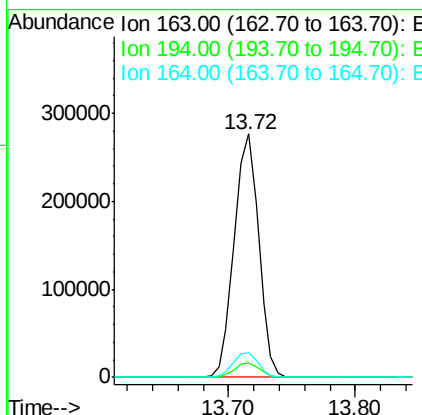
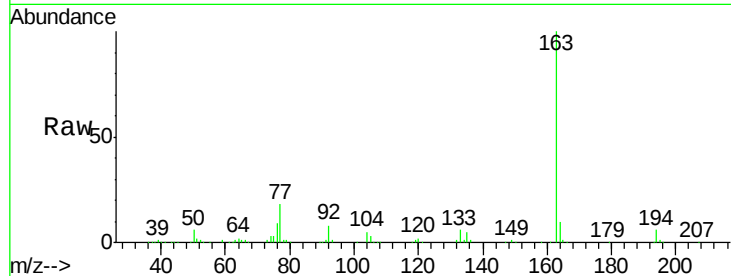
#49
Dimethylphthalate
Concen: 33.03 ng
RT: 13.72 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BG016680.D
Acq: 24 Apr 2015 9:01

Instrument :
BNA_G
ClientSampleId :
PS-20(5-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	368418		
194	5.9	5.0	7.4	
164	10.3	7.8	11.8	

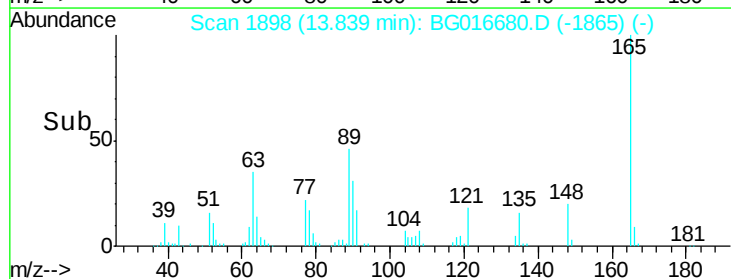
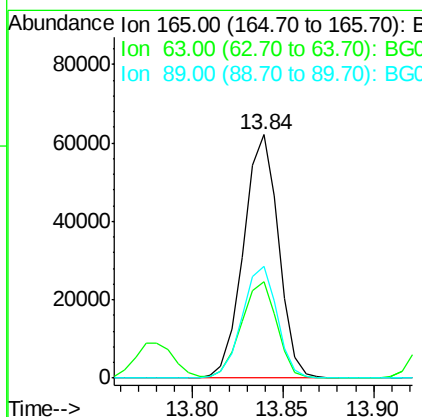
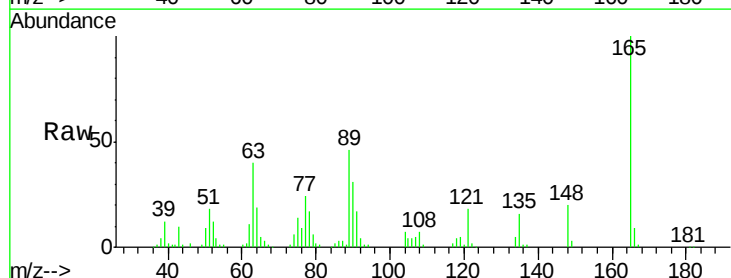
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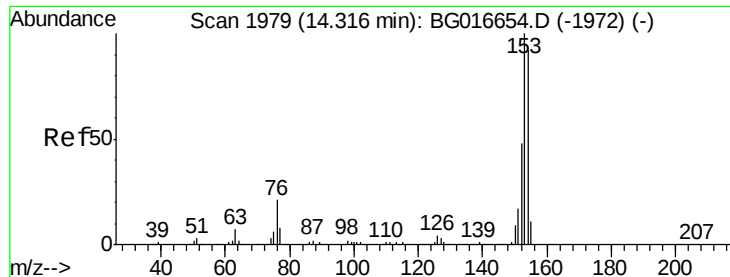
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#50
2,6-Dinitrotoluene
Concen: 30.56 ng
RT: 13.84 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BG016680.D
Acq: 24 Apr 2015 9:01

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	83640		
63	39.8	31.5	47.3	
89	46.1	34.7	52.1	





#51

Acenaphthene

Concen: 30.18 ng

RT: 14.31 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BG016680.D

Acq: 24 Apr 2015 9:01

Instrument :

BNA_G

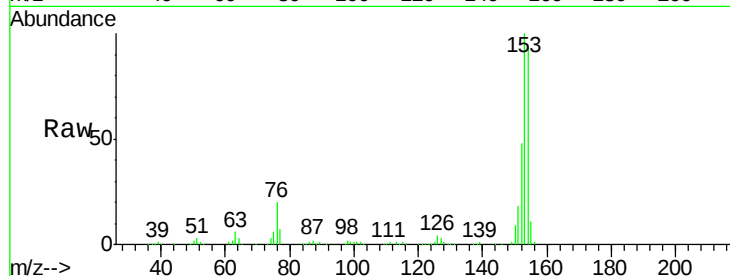
ClientSampleId :

PS-20(5-10)MS

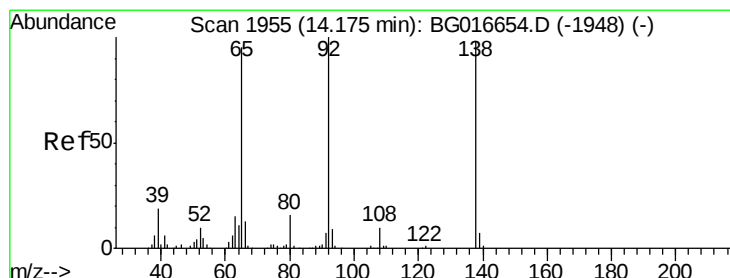
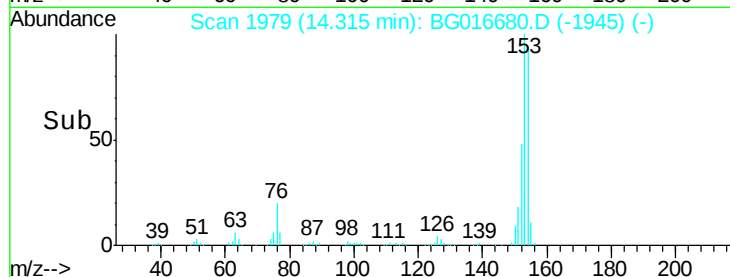
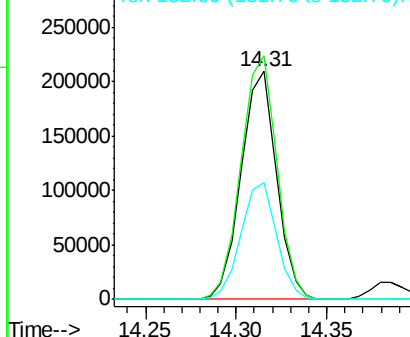
Tot Ion:	154	Resp:	285560
Ion Ratio	Lower	Upper	
154	100		
153	106.8	87.0	130.6
152	51.4	41.6	62.4

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 15.60 ng

RT: 14.17 min Scan# 1954

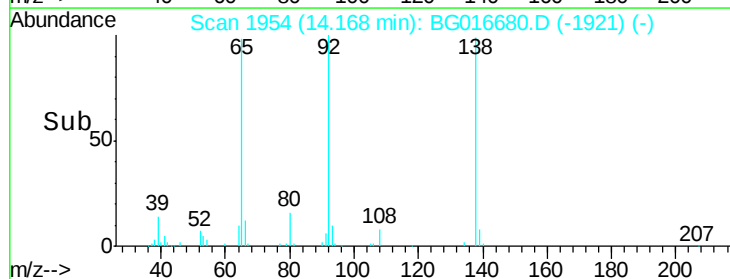
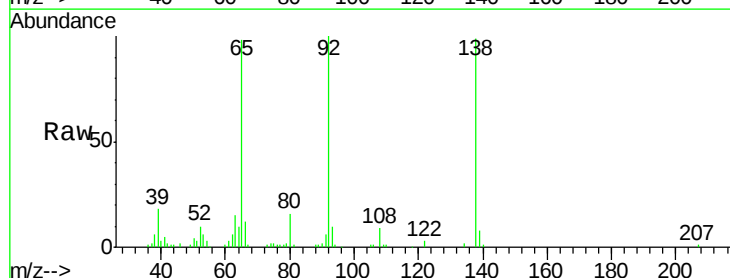
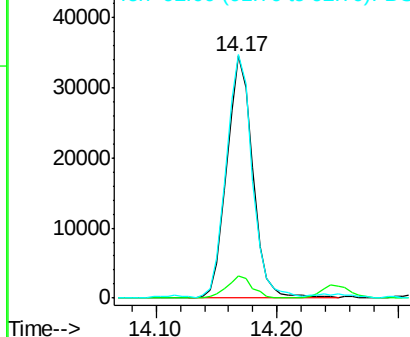
Delta R.T. -0.01 min

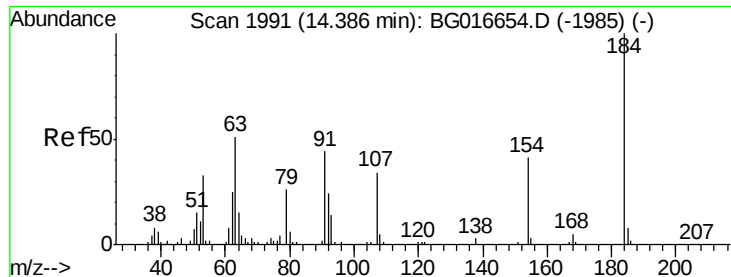
Lab File: BG016680.D

Acq: 24 Apr 2015 9:01

Tgt Ion:	138	Resp:	51601
Ion Ratio	Lower	Upper	
138	100		
108	9.0	7.8	11.6
92	100.7	81.9	122.9

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





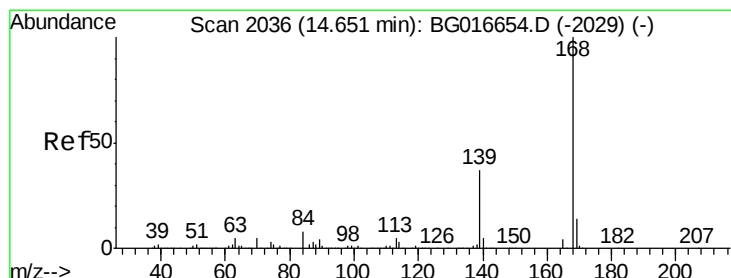
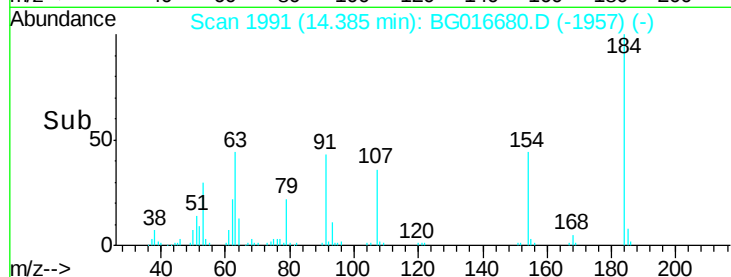
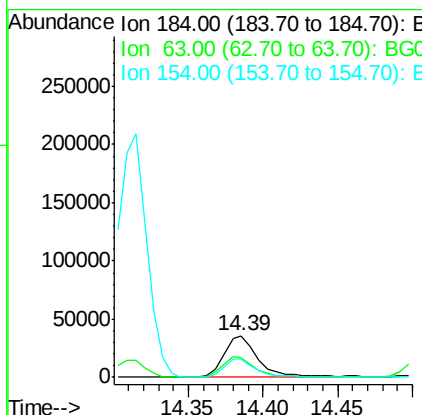
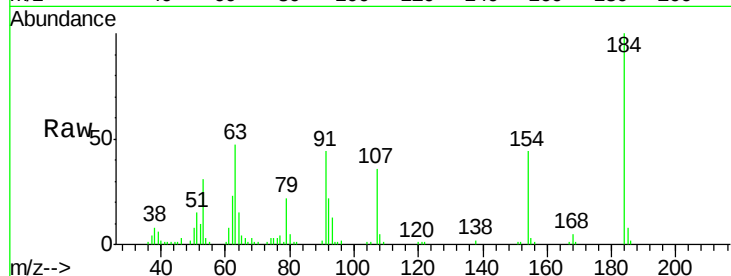
#53
2,4-Dinitrophenol
Concen: 42.01 ng
RT: 14.39 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BG016680.D
Acq: 24 Apr 2015 9:01

Instrument :
BNA_G
ClientSampleId :
PS-20(5-10)MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	46.6	40.7	61.1
154	44.4	34.1	51.1

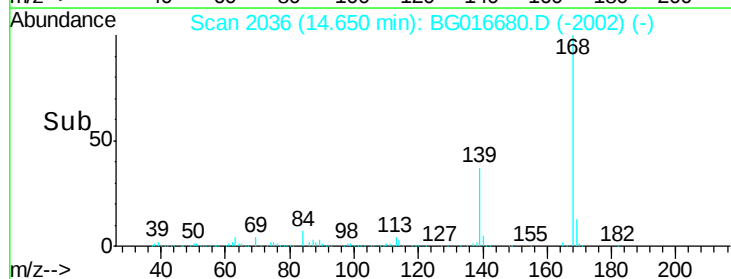
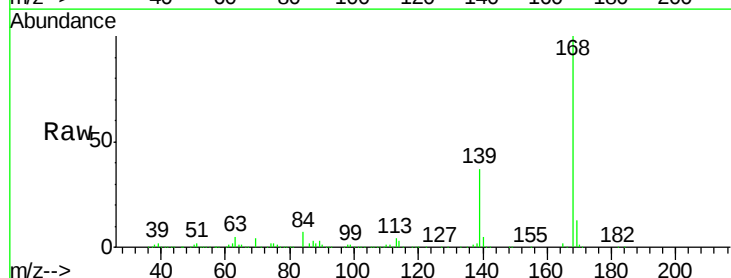
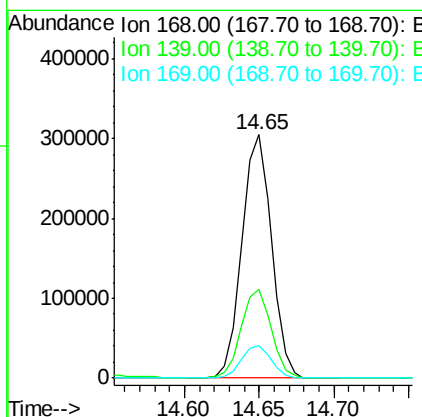
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#54
Dibenzofuran
Concen: 31.28 ng
RT: 14.65 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG016680.D
Acq: 24 Apr 2015 9:01

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.6	29.8	44.8
169	13.4	11.0	16.4





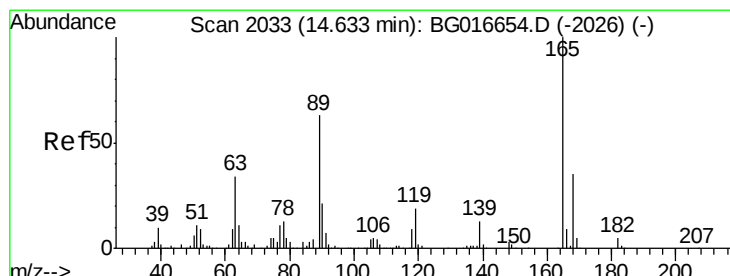
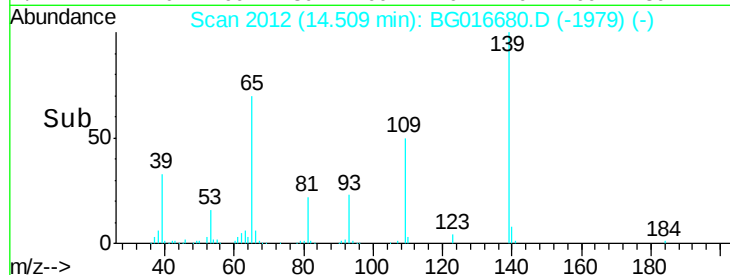
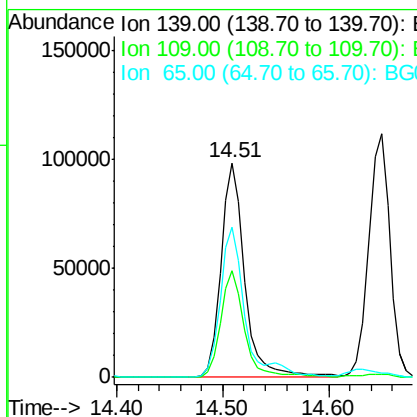
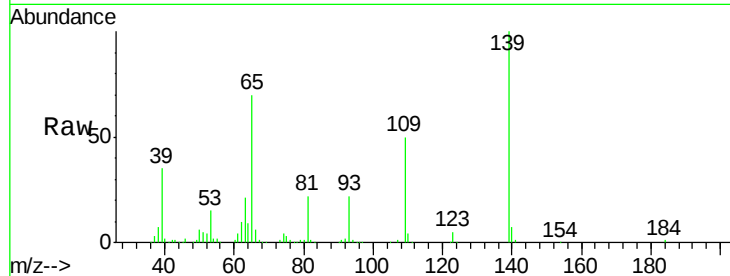
#55
4-Nitrophenol
Concen: 62.04 ng
RT: 14.51 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG016680.D
Acq: 24 Apr 2015 9:01

Instrument :
BNA_G
ClientSampleId :
PS-20(5-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	153766		
109	49.8	27.8	67.8	
65	70.2	46.3	86.3	

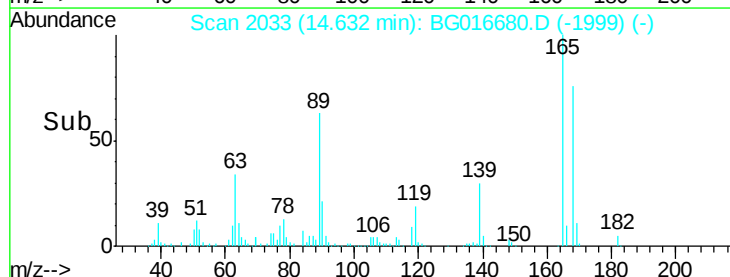
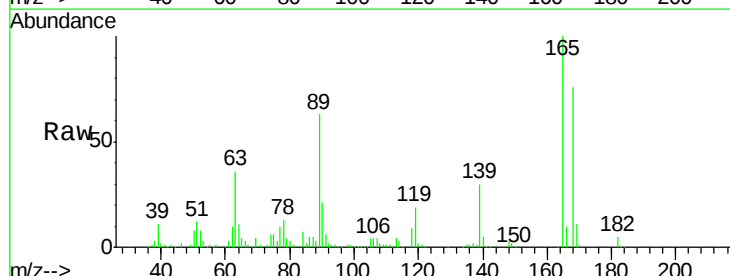
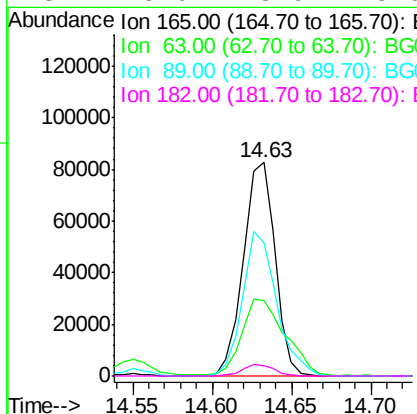
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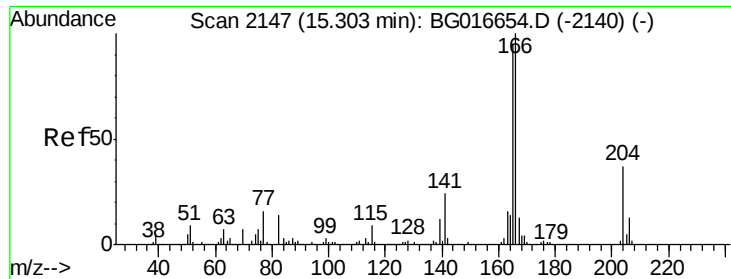
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#56
2,4-Dinitrotoluene
Concen: 30.65 ng
RT: 14.63 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG016680.D
Acq: 24 Apr 2015 9:01

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	114905		
63	35.6	27.4	41.0	
89	62.6	50.6	75.8	
182	5.0	3.9	5.9	





#57

Fluorene

Concen: 30.73 ng

RT: 15.30 min Scan# 2146

Delta R.T. -0.01 min

Lab File: BG016680.D

Acq: 24 Apr 2015 9:01

Instrument :

BNA_G

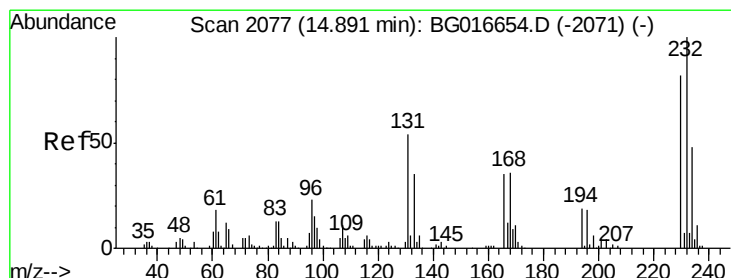
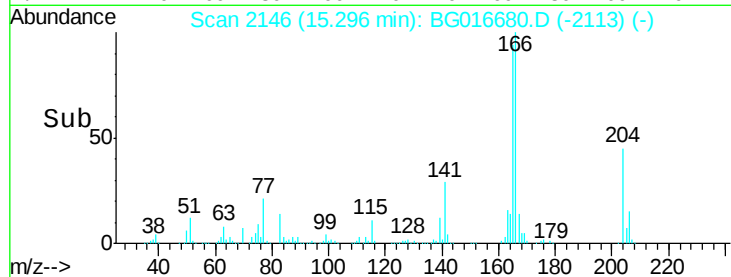
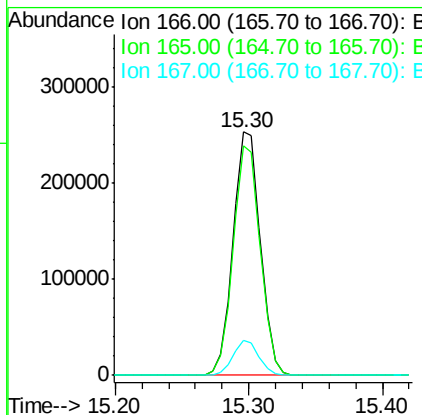
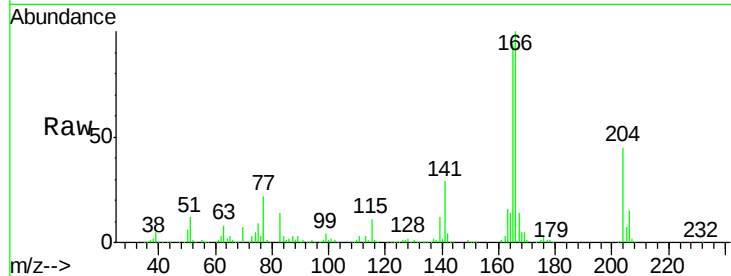
ClientSampleId :

PS-20(5-10)MS

Tot Ion:	166	Resp:	358466
Ion Ratio	Lower	Upper	
166	100		
165	94.4	75.6	113.4
167	14.3	10.7	16.1

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 31.19 ng

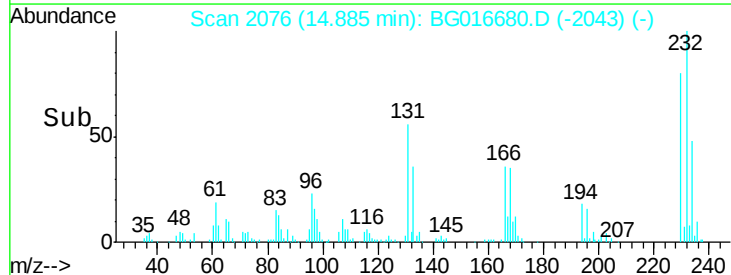
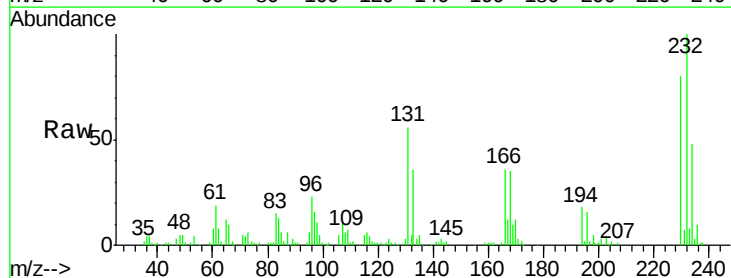
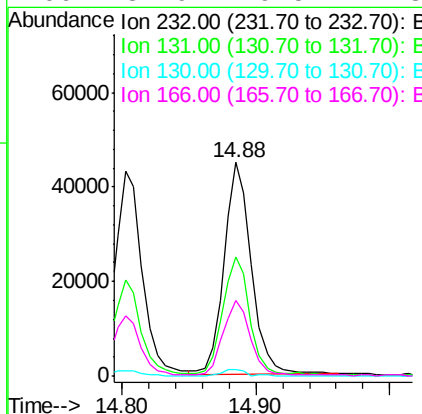
RT: 14.88 min Scan# 2076

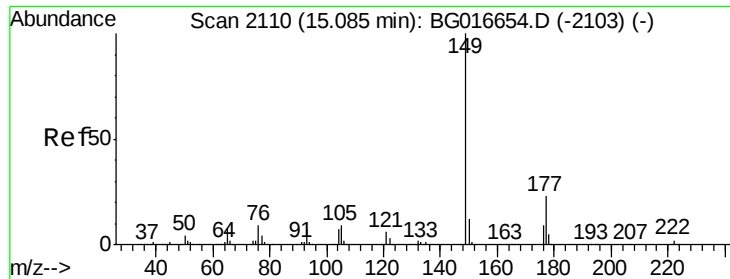
Delta R.T. -0.01 min

Lab File: BG016680.D

Acq: 24 Apr 2015 9:01

Tgt Ion:	232	Resp:	64809
Ion Ratio	Lower	Upper	
232	100		
131	55.6	43.9	65.9
130	2.6	2.4	3.6
166	34.9	29.5	44.3





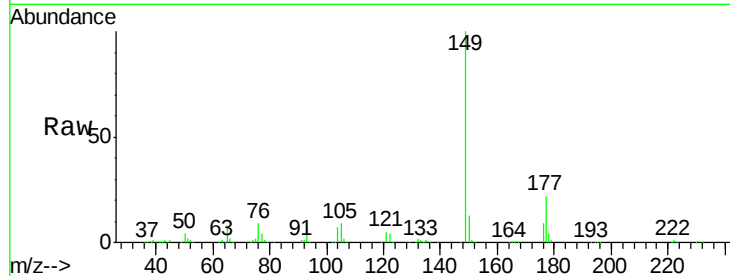
#59
Diethylphthalate
Concen: 29.98 ng
RT: 15.08 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BG016680.D
Acq: 24 Apr 2015 9:01

Instrument :
BNA_G
ClientSampleId :
PS-20(5-10)MS

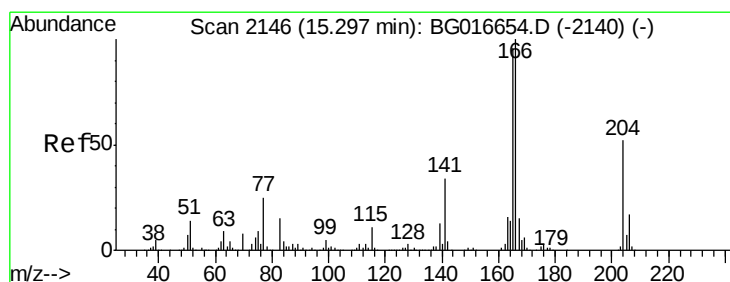
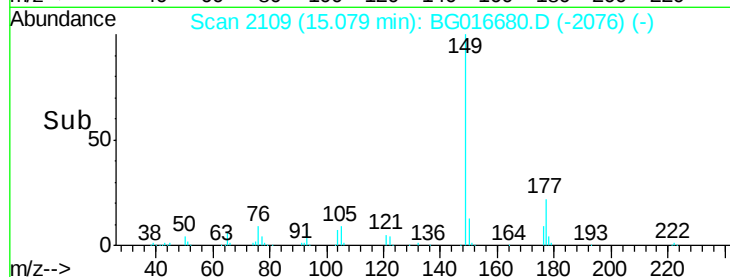
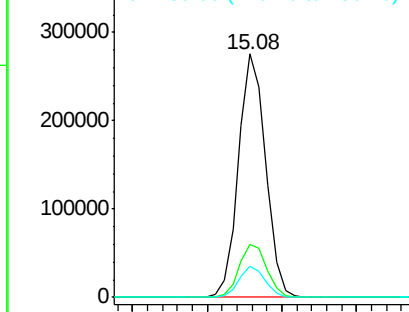
Tot Ion	Ratio	Resp	Lower	Upper
149	100	348471		
177	21.6	18.2	27.2	
150	13.0	9.8	14.8	

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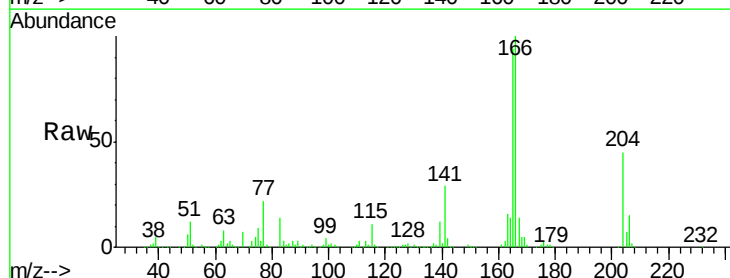


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

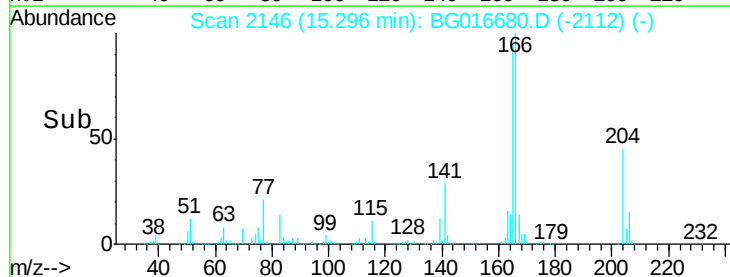
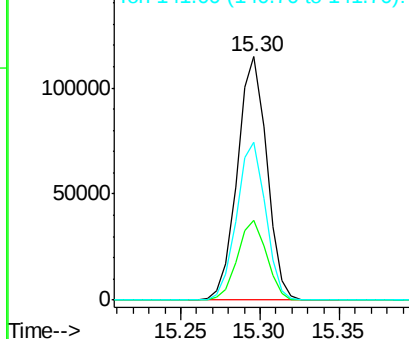


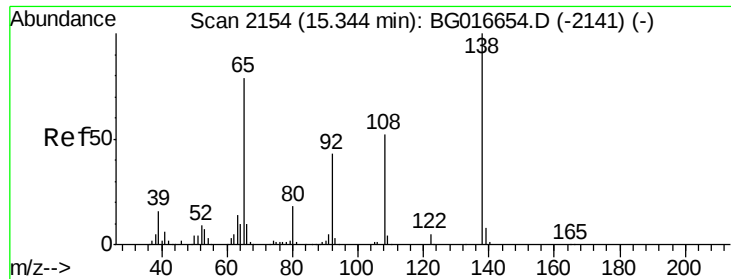
#60
4-Chlorophenyl-phenylether
Concen: 30.21 ng
RT: 15.30 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG016680.D
Acq: 24 Apr 2015 9:01

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	147191		
206	32.6	26.2	39.4	
141	64.9	52.3	78.5	



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





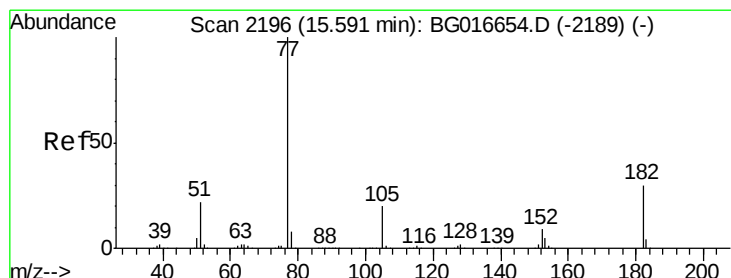
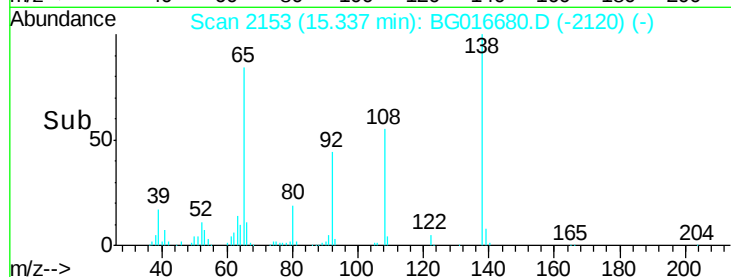
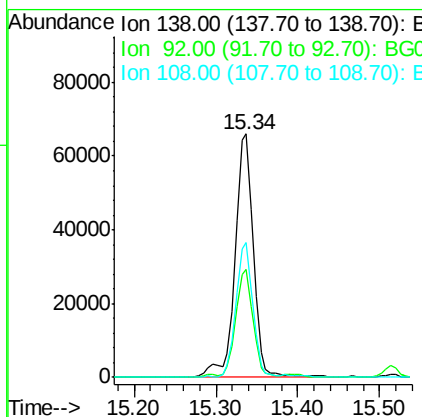
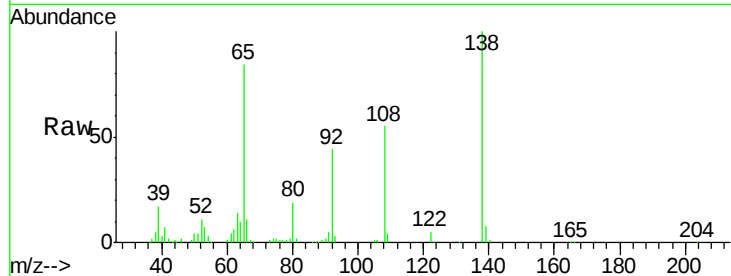
#61
4-Nitroaniline
Concen: 28.44 ng
RT: 15.34 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BG016680.D
Acq: 24 Apr 2015 9:01

Instrument :
BNA_G
ClientSampleId :
PS-20(5-10)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
138	100				
92	44.4	23.1	63.1		
108	55.4	31.7	71.7		

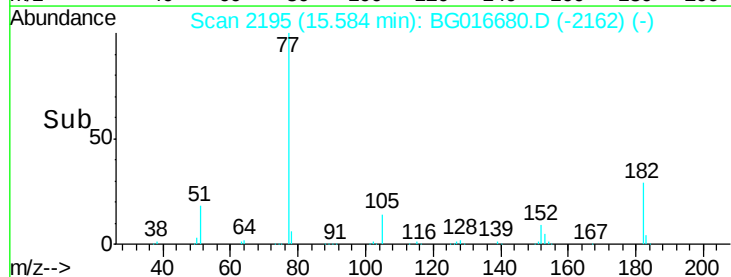
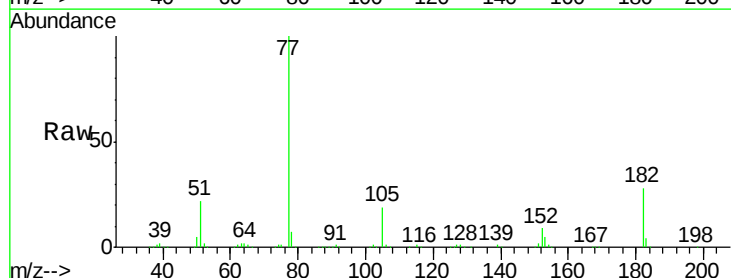
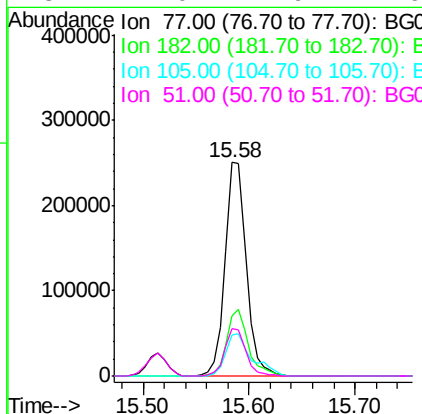
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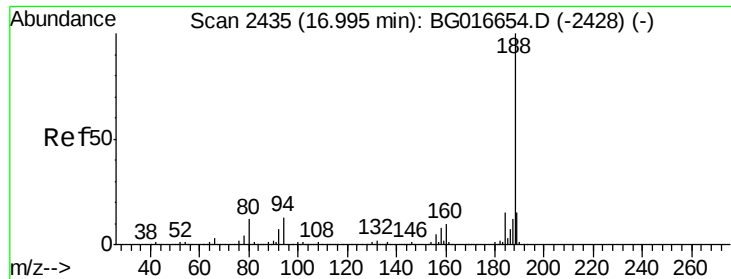
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#62
Azobenzene
Concen: 32.85 ng
RT: 15.58 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BG016680.D
Acq: 24 Apr 2015 9:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	28.3	9.8	49.8		
105	19.0	0.0	39.5		
51	22.0	1.9	41.9		





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.99 min Scan# 2435

Delta R.T. -0.00 min

Lab File: BG016680.D

Acq: 24 Apr 2015 9:01

Instrument :

BNA_G

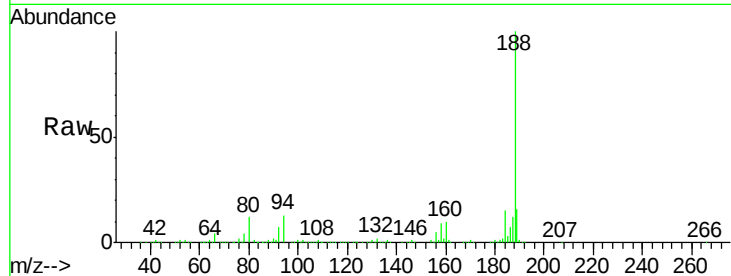
ClientSampleId :

PS-20(5-10)MS

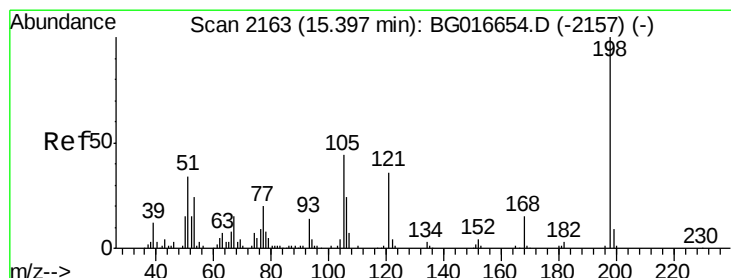
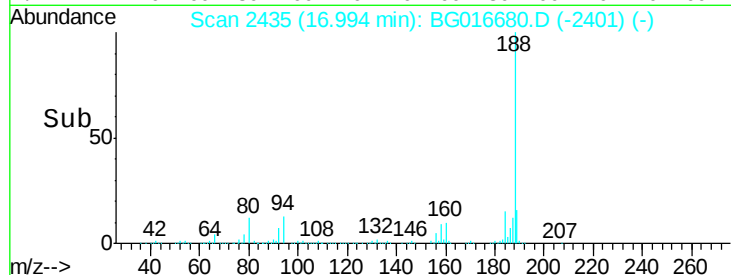
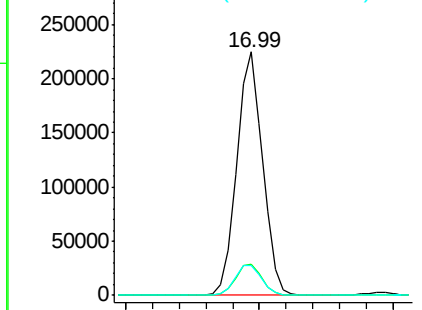
Tot Ion:	188	Resp:	300965
Ion Ratio	Lower	Upper	
188	100		
94	13.0	10.7	16.1
80	12.4	9.9	14.9

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Abundance Ion 188.00 (187.70 to 188.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 26.12 ng

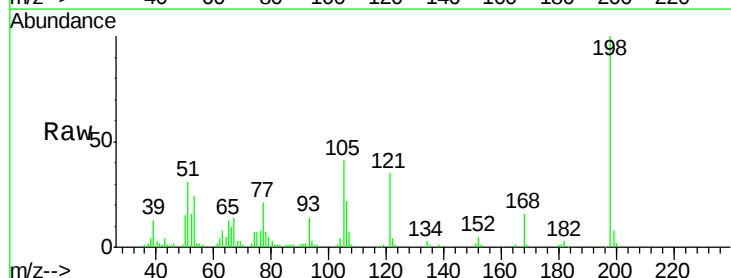
RT: 15.40 min Scan# 2163

Delta R.T. -0.00 min

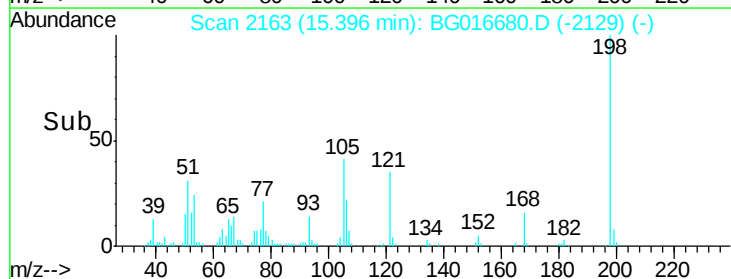
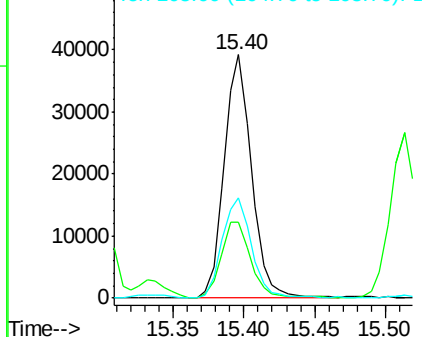
Lab File: BG016680.D

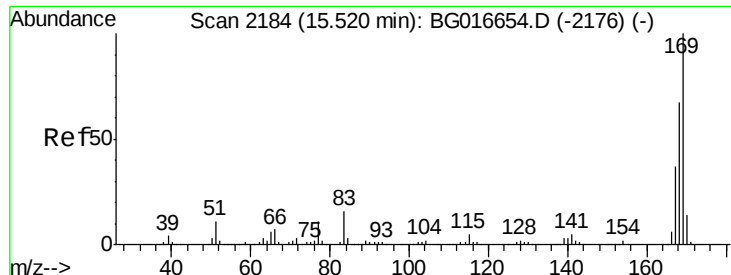
Acq: 24 Apr 2015 9:01

Tgt Ion:	198	Resp:	53203
Ion Ratio	Lower	Upper	
198	100		
51	31.1	14.9	54.9
105	41.4	24.6	64.6



Abundance Ion 198.00 (197.70 to 198.70): E





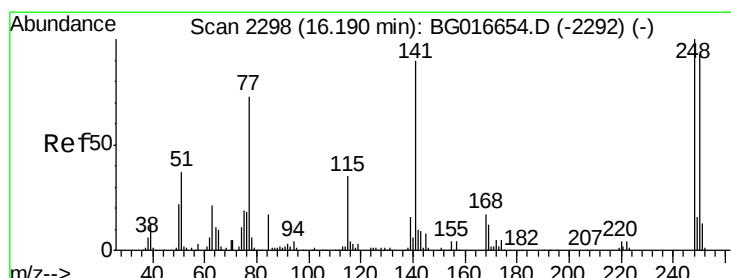
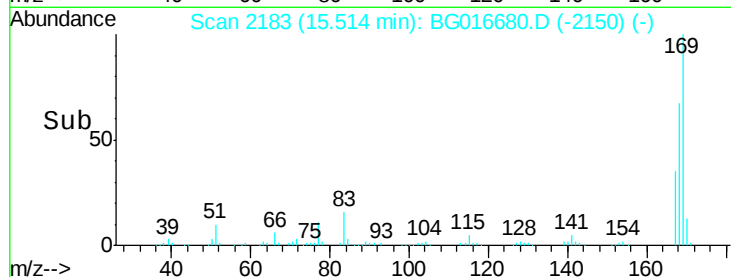
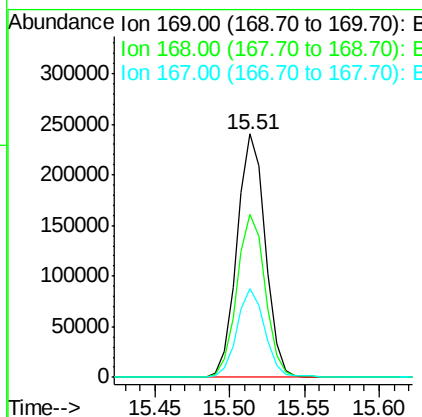
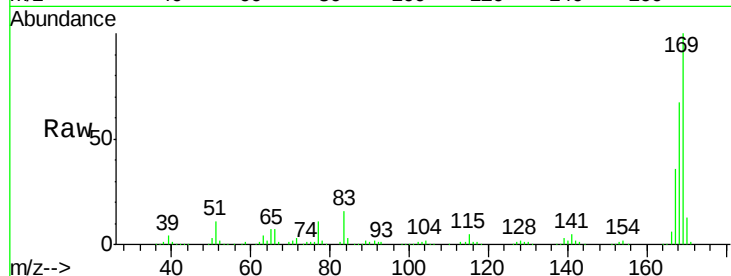
#65
 n-Nitrosodiphenylamine
 Concen: 30.73 ng
 RT: 15.51 min Scan# 2183
 Delta R.T. -0.01 min
 Lab File: BG016680.D
 Acq: 24 Apr 2015 9:01

Instrument :
 BNA_G
 ClientSampleId :
 PS-20(5-10)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		317064		
168	67.0	53.6		80.4	
167	36.3	29.4		44.0	

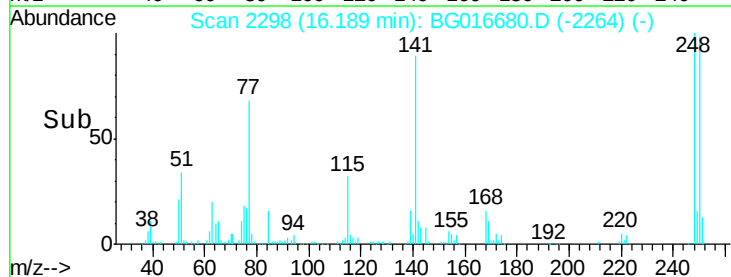
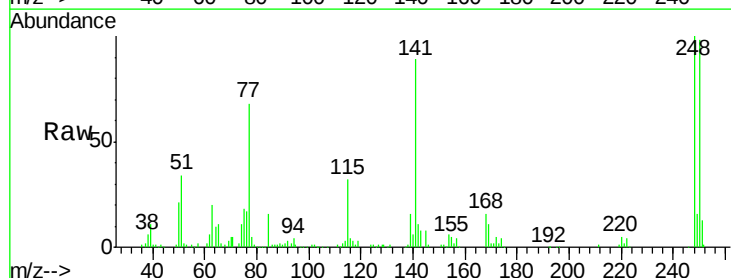
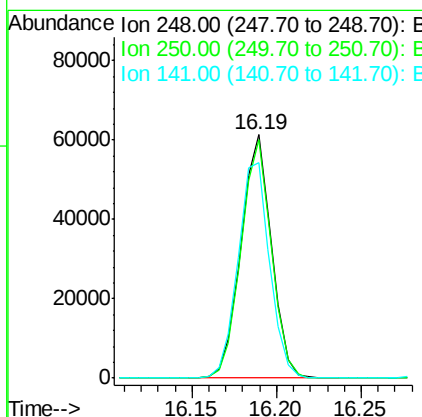
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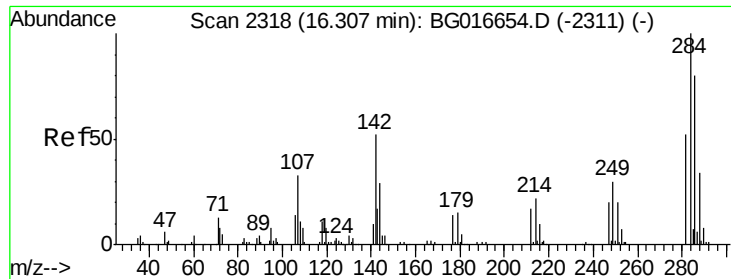
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#66
 4-Bromophenyl-phenylether
 Concen: 30.72 ng
 RT: 16.19 min Scan# 2298
 Delta R.T. -0.00 min
 Lab File: BG016680.D
 Acq: 24 Apr 2015 9:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		77255		
250	97.9	74.8		112.2	
141	88.6	72.0		108.0	





#67

Hexachlorobenzene

Concen: 30.84 ng

RT: 16.30 min Scan# 2317

Delta R.T. -0.01 min

Lab File: BG016680.D

Acq: 24 Apr 2015 9:01

Instrument :

BNA_G

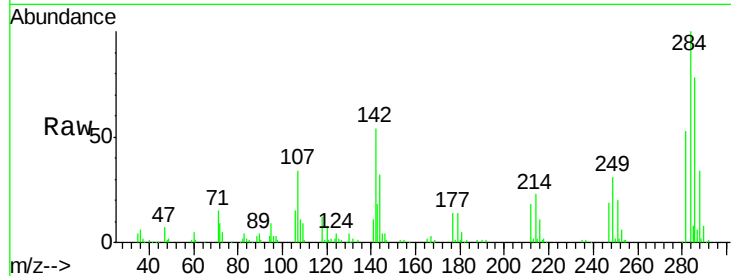
ClientSampleId :

PS-20(5-10)MS

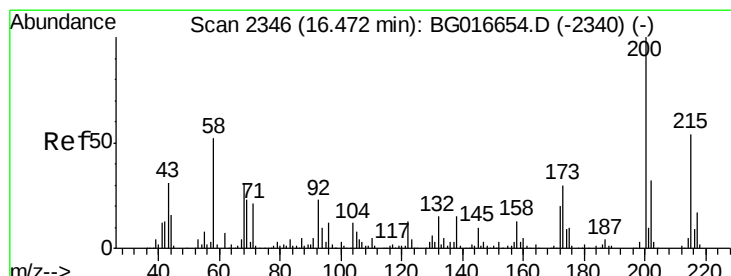
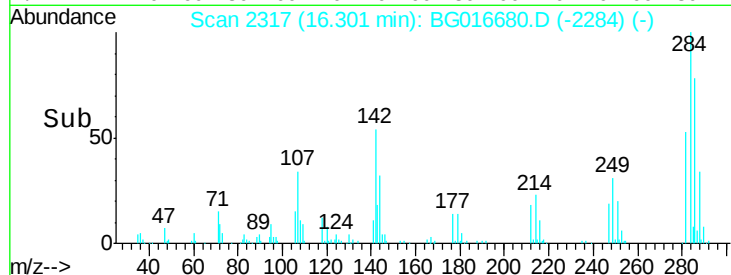
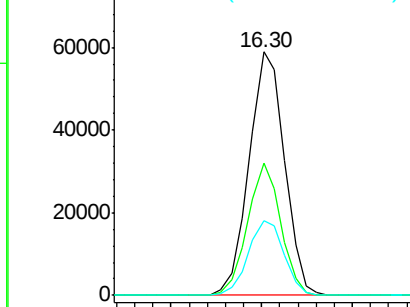
Tot Ion:	284	Resp:	79764
Ion Ratio	Lower	Upper	
284	100		
142	54.4	41.5	62.3
249	30.7	24.2	36.4

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



#68

Atrazine

Concen: 34.95 ng

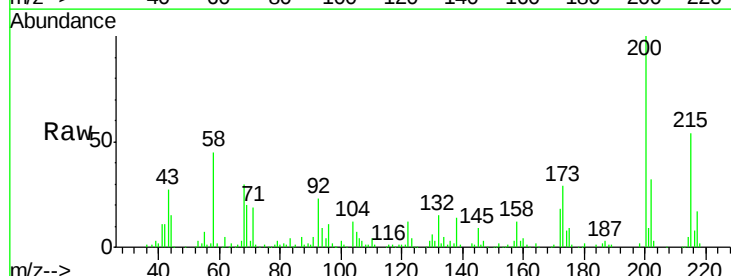
RT: 16.47 min Scan# 2346

Delta R.T. -0.00 min

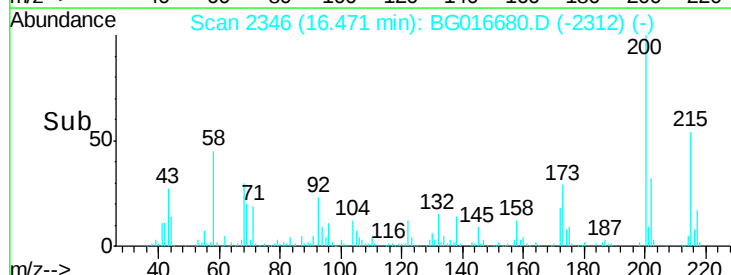
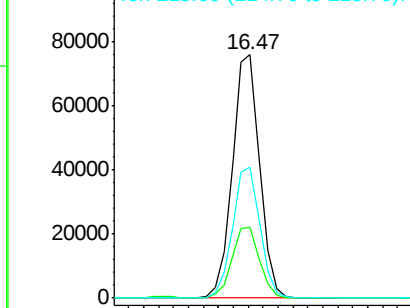
Lab File: BG016680.D

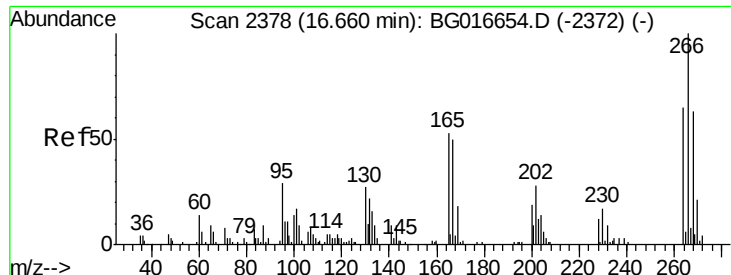
Acq: 24 Apr 2015 9:01

Tgt Ion:	200	Resp:	96799
Ion Ratio	Lower	Upper	
200	100		
173	28.9	9.8	49.8
215	53.8	33.7	73.7



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





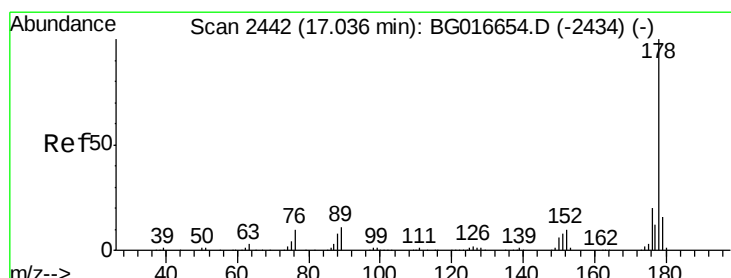
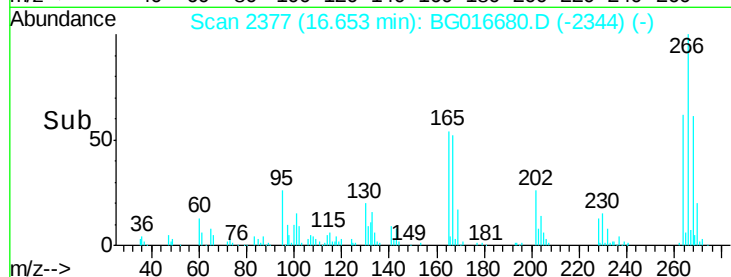
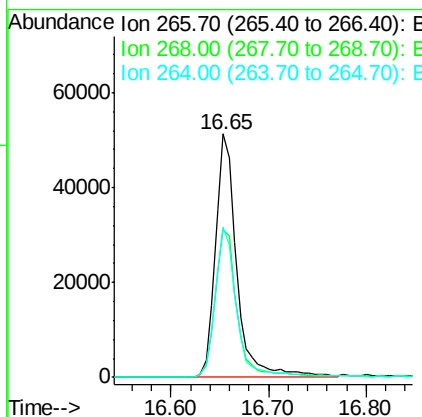
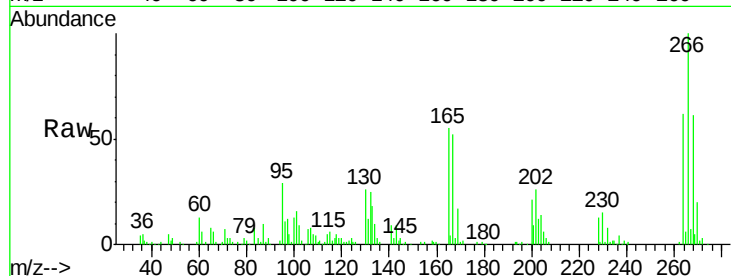
#69
 Pentachlorophenol
 Concen: 62.04 ng
 RT: 16.65 min Scan# 2377
 Delta R.T. -0.01 min
 Lab File: BG016680.D
 Acq: 24 Apr 2015 9:01

Instrument :
 BNA_G
 ClientSampleId :
 PS-20(5-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	77919		
268	60.9		50.6	76.0
264	61.6		51.8	77.6

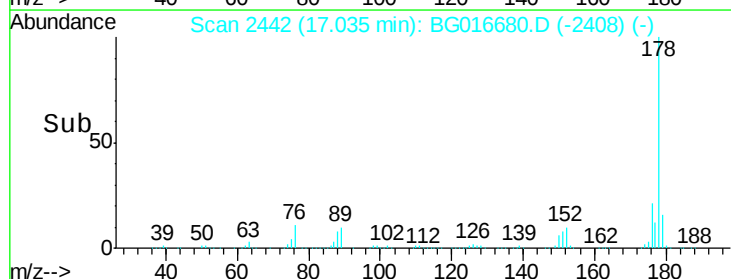
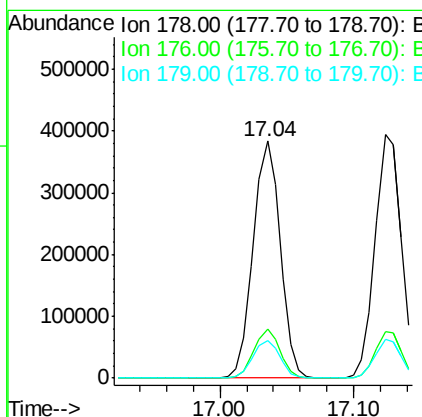
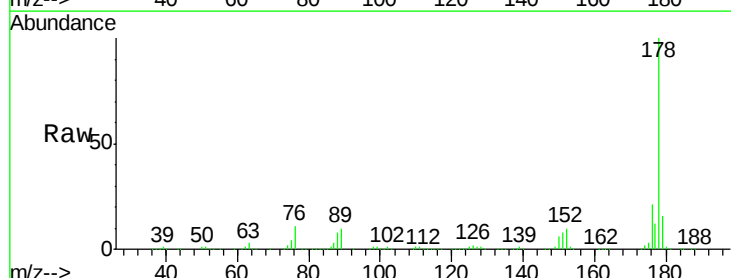
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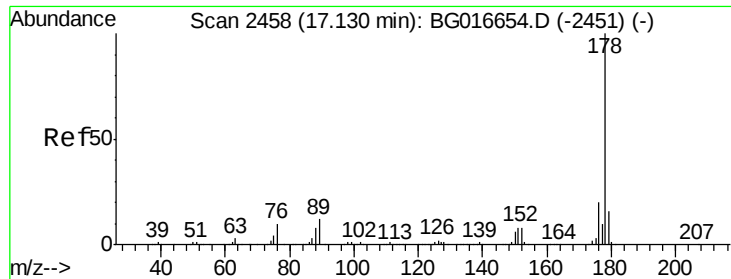
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#70
 Phenanthrene
 Concen: 30.88 ng
 RT: 17.04 min Scan# 2442
 Delta R.T. -0.00 min
 Lab File: BG016680.D
 Acq: 24 Apr 2015 9:01

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	533974		
176	20.7		15.8	23.6
179	16.0		12.8	19.2





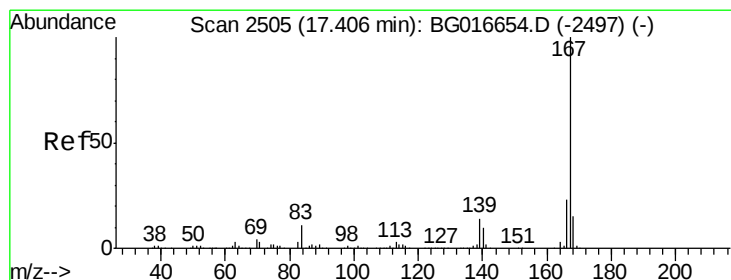
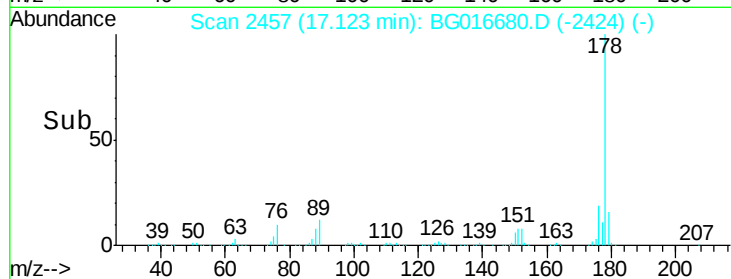
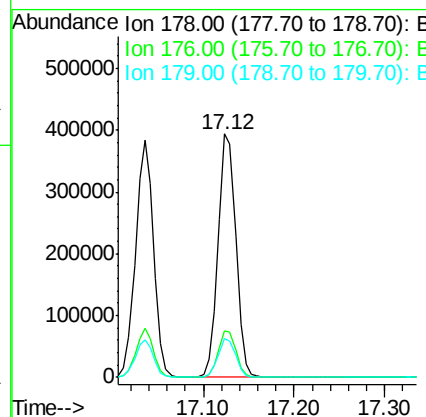
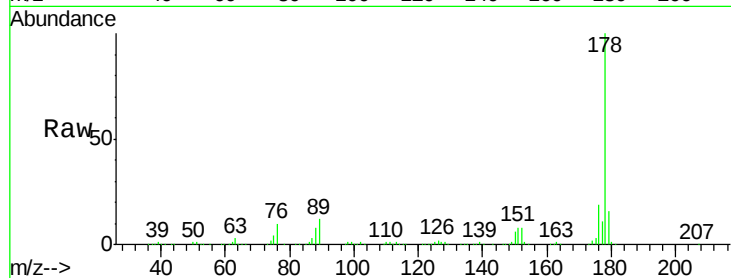
#71
 Anthracene
 Concen: 31.19 ng
 RT: 17.12 min Scan# 2457
 Delta R.T. -0.01 min
 Lab File: BG016680.D
 Acq: 24 Apr 2015 9:01

Instrument :
 BNA_G
 ClientSampleId :
 PS-20(5-10)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.0	24.0
179	16.2	12.9	19.3

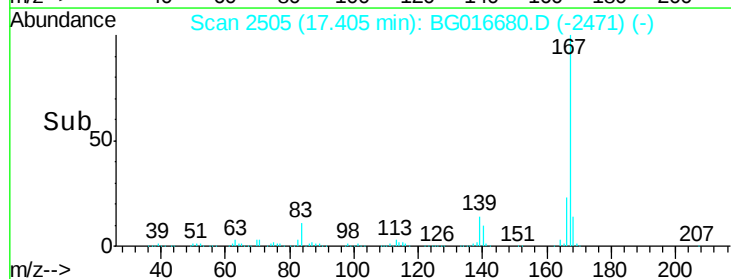
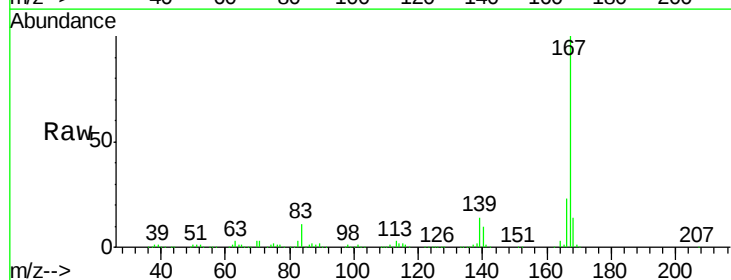
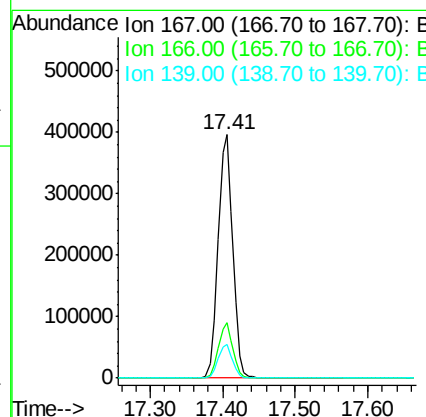
Manual Integrations
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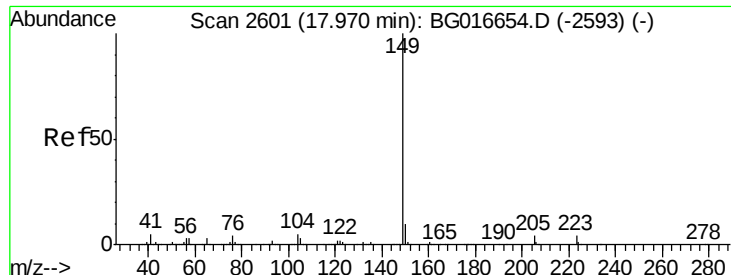
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#72
 Carbazole
 Concen: 32.16 ng
 RT: 17.41 min Scan# 2505
 Delta R.T. -0.00 min
 Lab File: BG016680.D
 Acq: 24 Apr 2015 9:01

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.4	27.6
139	13.8	11.1	16.7





#73

Di-n-butylphthalate

Concen: 32.34 ng

RT: 17.96 min Scan# 2600

Delta R.T. -0.01 min

Lab File: BG016680.D

Acq: 24 Apr 2015 9:01

Instrument :

BNA_G

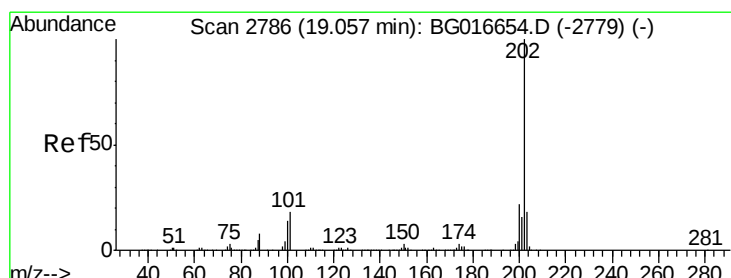
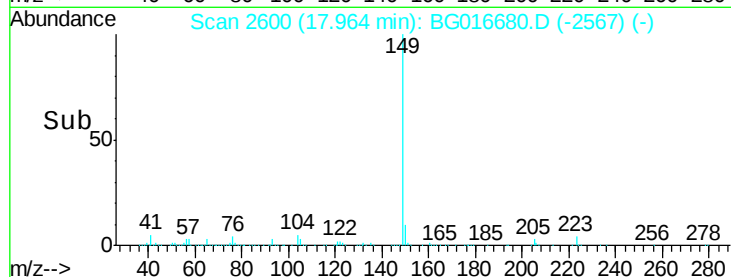
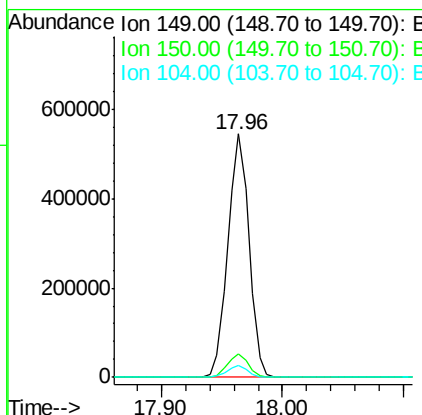
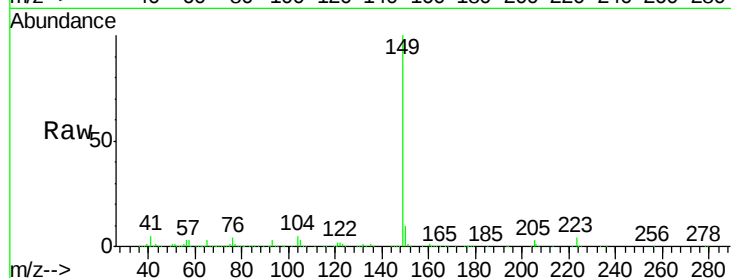
ClientSampleId :

PS-20(5-10)MS

Tot Ion:	149	Resp:	664234
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.8	11.6
104	4.7	3.6	5.4

Manual Integrations
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#74

Fluoranthene

Concen: 31.49 ng

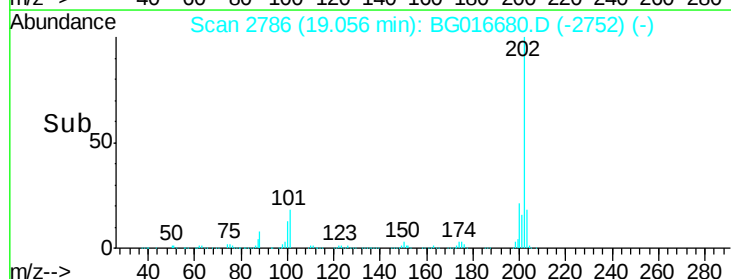
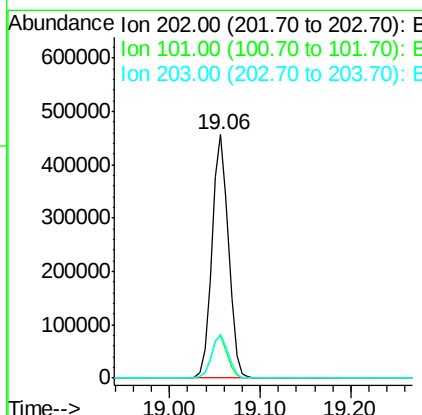
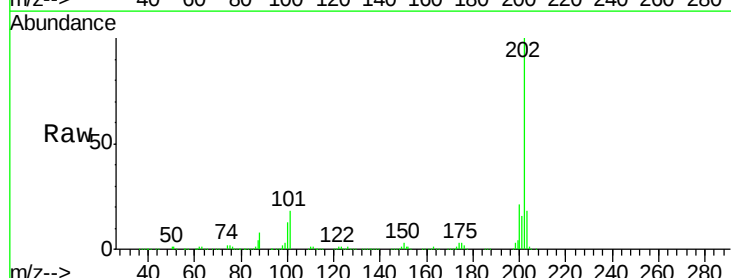
RT: 19.06 min Scan# 2786

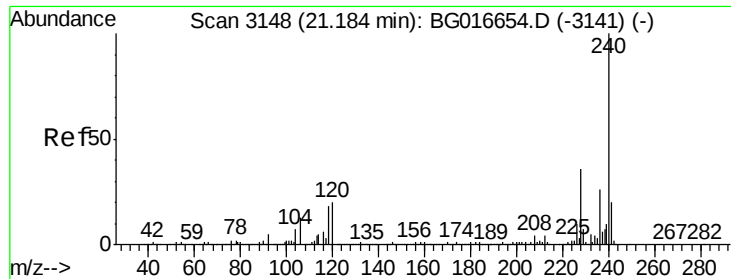
Delta R.T. -0.00 min

Lab File: BG016680.D

Acq: 24 Apr 2015 9:01

Tgt Ion:	202	Resp:	576881
Ion Ratio	Lower	Upper	
202	100		
101	17.6	0.0	38.1
203	17.9	0.0	38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.18 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG016680.D

Acq: 24 Apr 2015 9:01

Instrument :

BNA_G

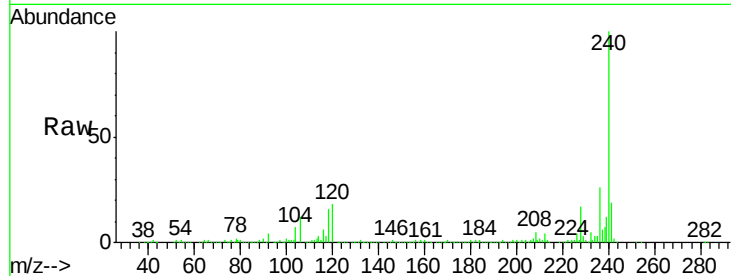
ClientSampleId :

PS-20(5-10)MS

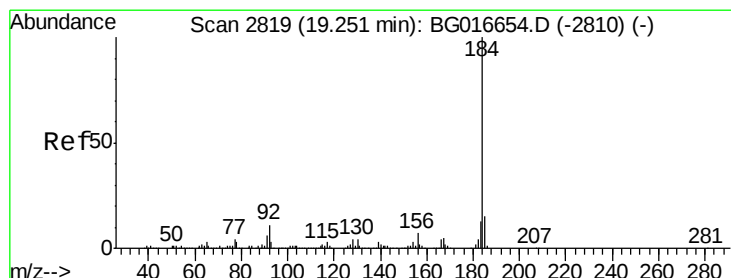
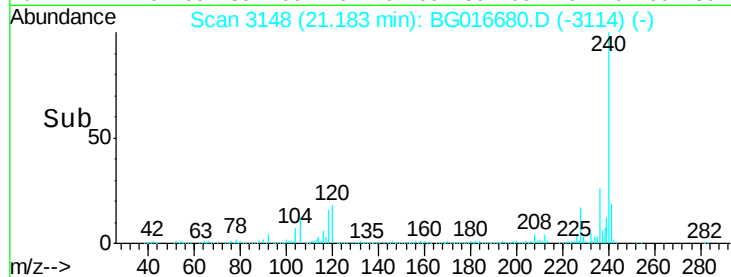
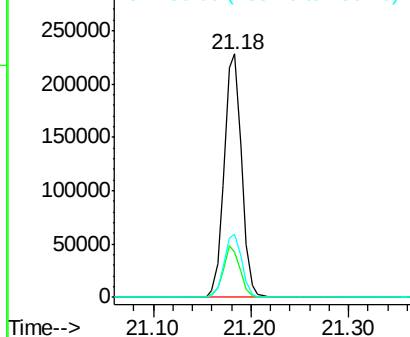
Tot Ion:	240	Resp:	281895
Ion Ratio		Lower	Upper
240	100		
120	18.3	16.3	24.5
236	26.1	21.1	31.7

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 20.04 ng

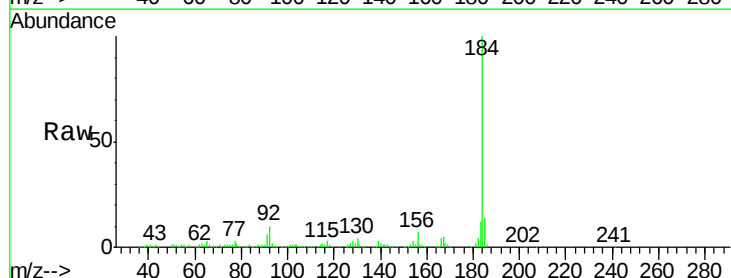
RT: 19.25 min Scan# 2819

Delta R.T. -0.00 min

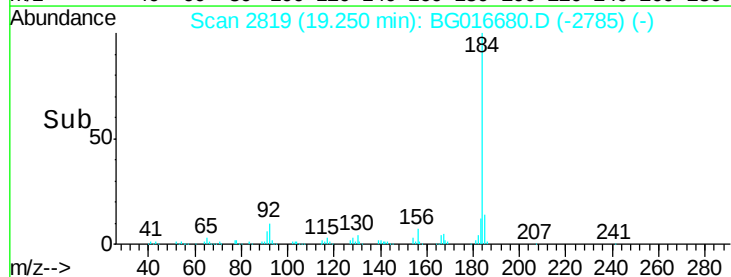
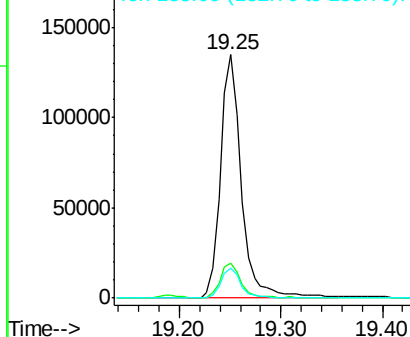
Lab File: BG016680.D

Acq: 24 Apr 2015 9:01

Tgt Ion:	184	Resp:	192376
Ion Ratio		Lower	Upper
184	100		
185	14.4	12.3	18.5
183	12.4	10.1	15.1



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





#77

Pvrene

Concen: 30.55 ng

RT: 19.42 min Scan# 2848

Delta R.T. -0.00 min

Lab File: BG016680.D

Acq: 24 Apr 2015 9:01

Instrument :

BNA_G

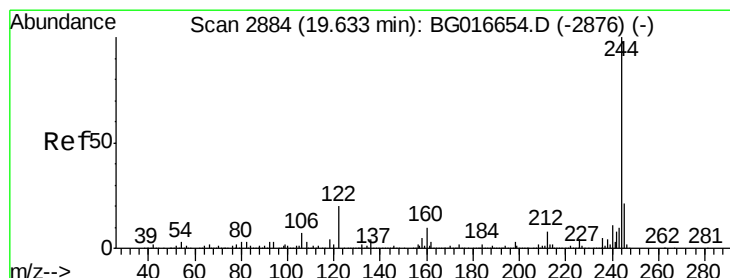
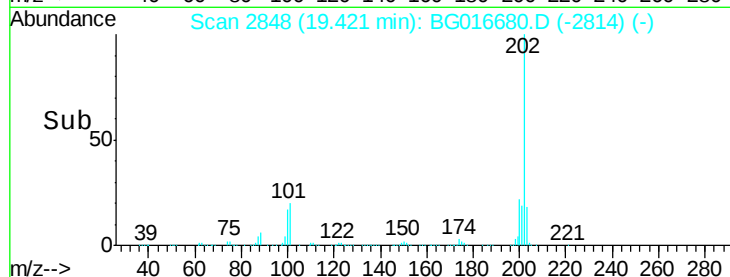
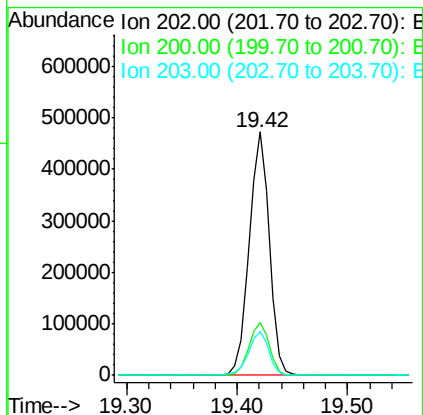
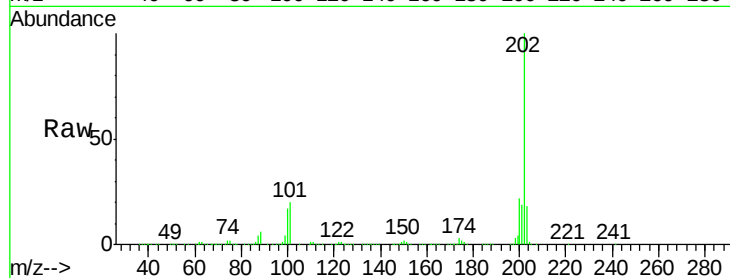
ClientSampleId :

PS-20(5-10)MS

Tot Ion:	202	Resp:	604924
Ion Ratio		Lower	Upper
202	100		
200	21.8	18.0	27.0
203	18.1	14.9	22.3

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#78

Terphenyl-d14

Concen: 57.81 ng

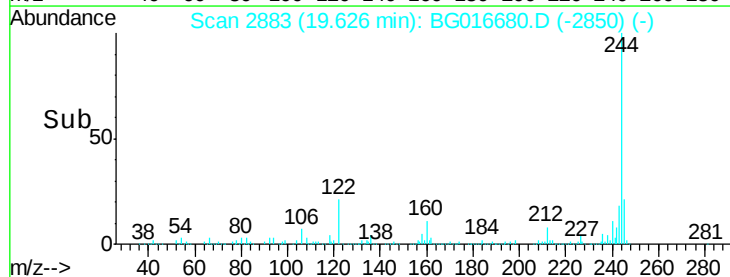
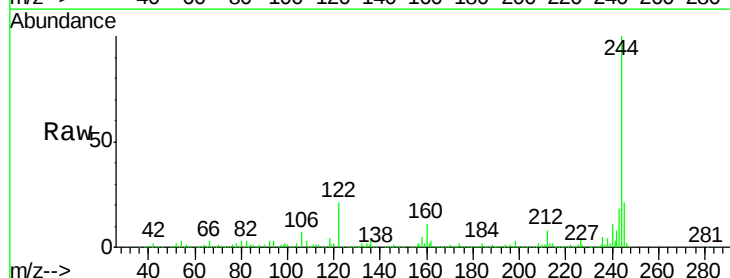
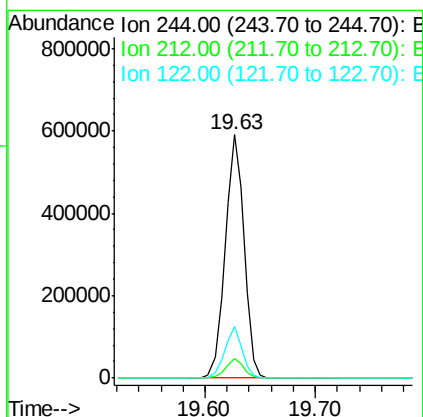
RT: 19.63 min Scan# 2883

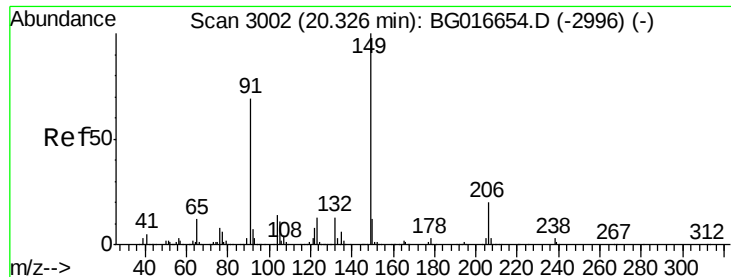
Delta R.T. -0.01 min

Lab File: BG016680.D

Acq: 24 Apr 2015 9:01

Tgt Ion:	244	Resp:	707486
Ion Ratio		Lower	Upper
244	100		
212	8.0	6.4	9.6
122	21.1	15.9	23.9





#79

Butylbenzylphthalate

Concen: 31.59 ng

RT: 20.33 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BG016680.D

Acq: 24 Apr 2015 9:01

Instrument :

BNA_G

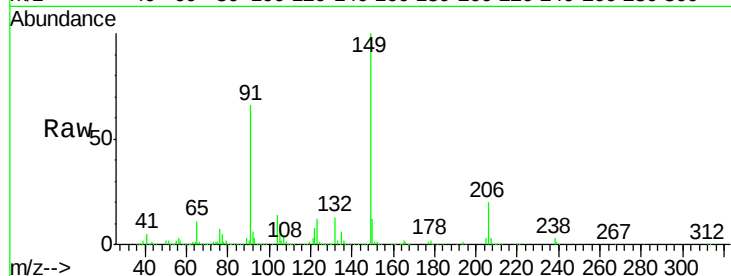
ClientSampleId :

PS-20(5-10)MS

Tot Ion:	149	Resp:	307757
Ion Ratio	Lower	Upper	
149	100		
91	65.9	55.4	83.0
206	20.4	16.4	24.6

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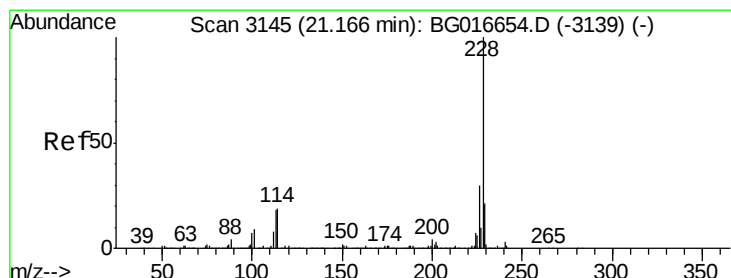
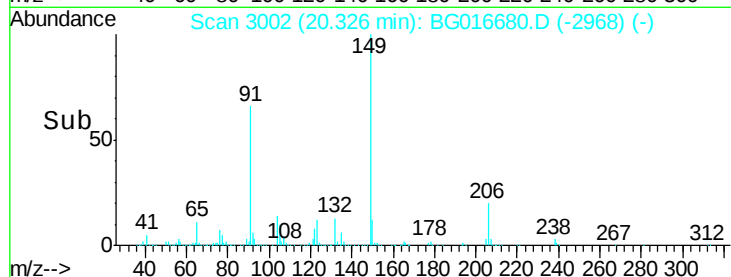
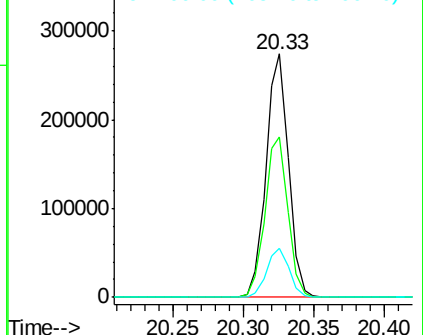
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 30.41 ng

RT: 21.17 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG016680.D

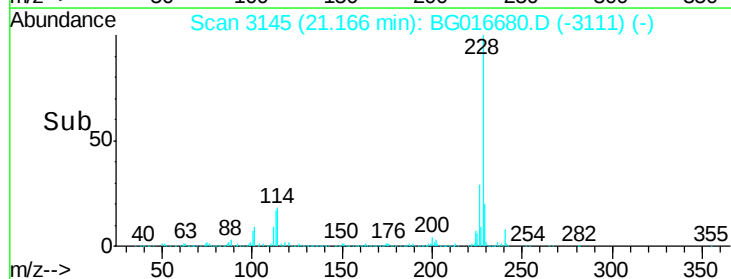
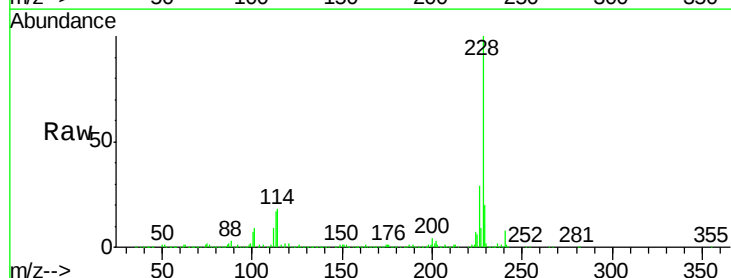
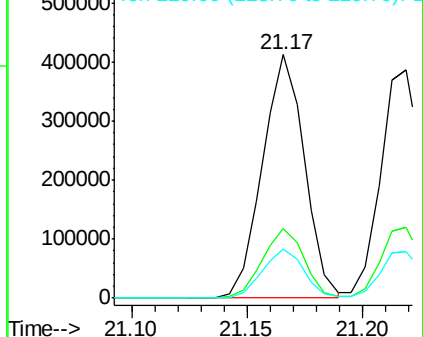
Acq: 24 Apr 2015 9:01

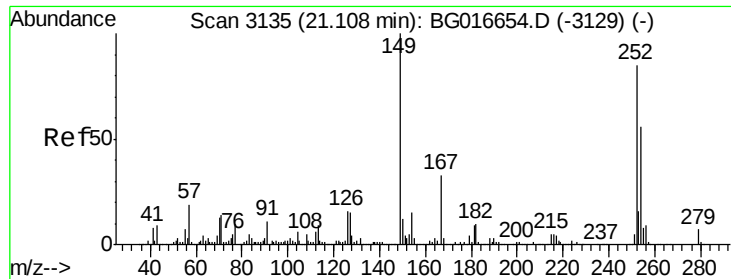
Tgt Ion:	228	Resp:	519825
Ion Ratio	Lower	Upper	
228	100		
226	28.6	23.8	35.6
229	20.3	17.0	25.4

Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





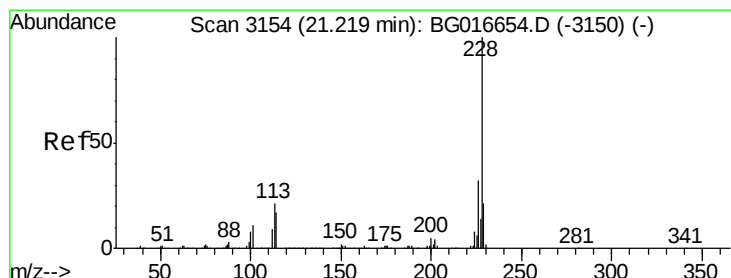
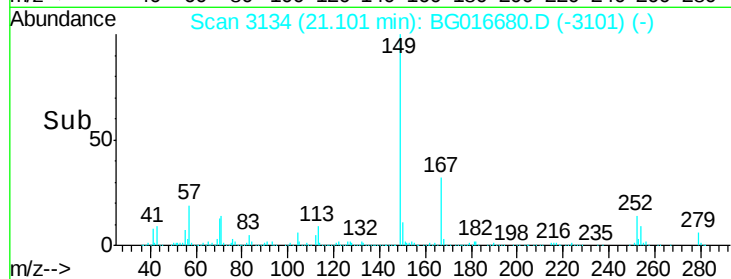
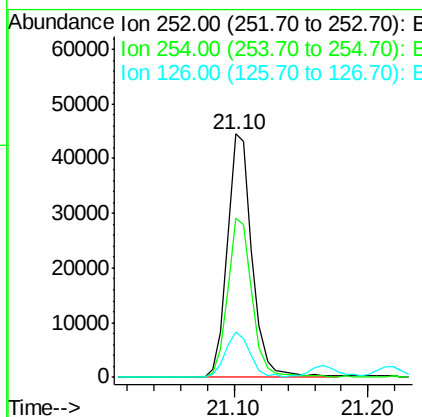
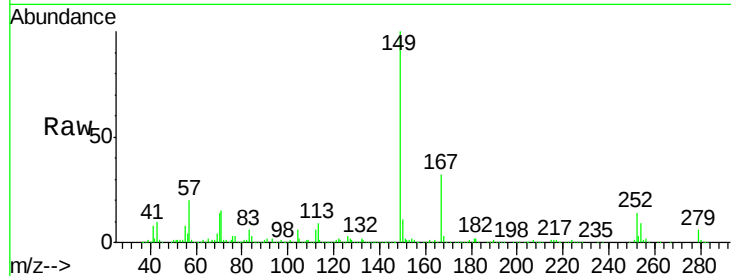
#81
 3,3'-Dichlorobenzidine
 Concen: 10.45 ng
 RT: 21.10 min Scan# 3134
 Delta R.T. -0.01 min
 Lab File: BG016680.D
 Acq: 24 Apr 2015 9:01

Instrument :
 BNA_G
 ClientSampleId :
 PS-20(5-10)MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.5	52.7	79.1
126	18.8	15.3	22.9

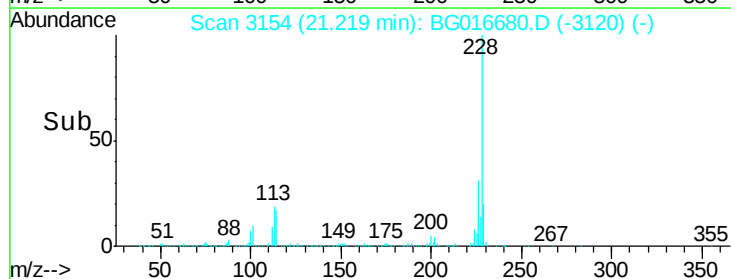
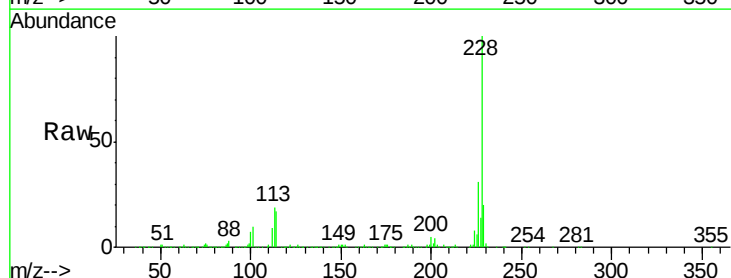
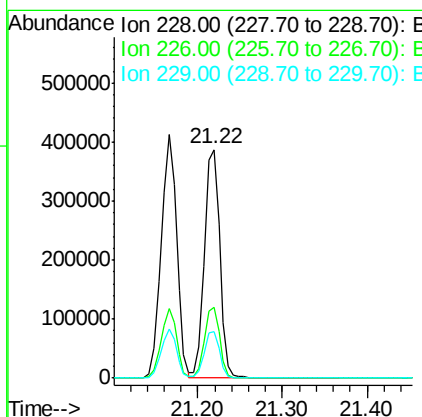
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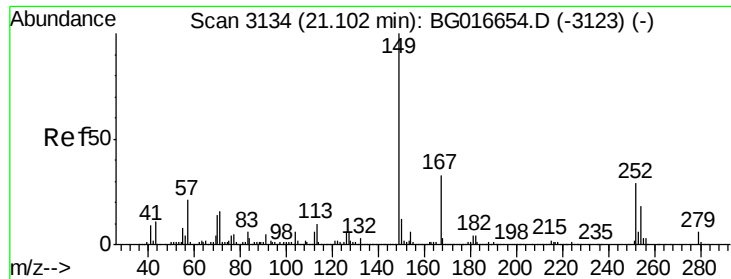
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#82
 Chrysene
 Concen: 30.17 ng
 RT: 21.22 min Scan# 3154
 Delta R.T. -0.00 min
 Lab File: BG016680.D
 Acq: 24 Apr 2015 9:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.4	38.0
229	20.5	16.5	24.7





#83

Bis(2-ethylhexyl)phthalate

Concen: 32.71 ng

RT: 21.10 min Scan# 3133

Delta R.T. -0.01 min

Lab File: BG016680.D

Acq: 24 Apr 2015 9:01

Instrument :

BNA_G

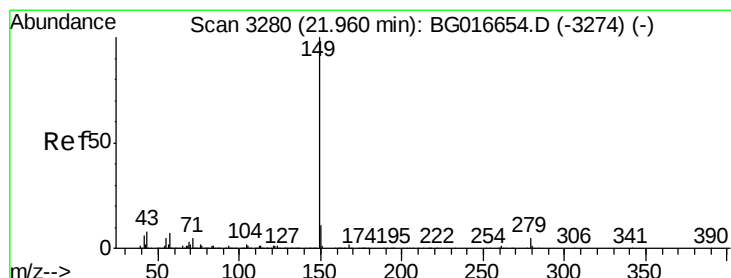
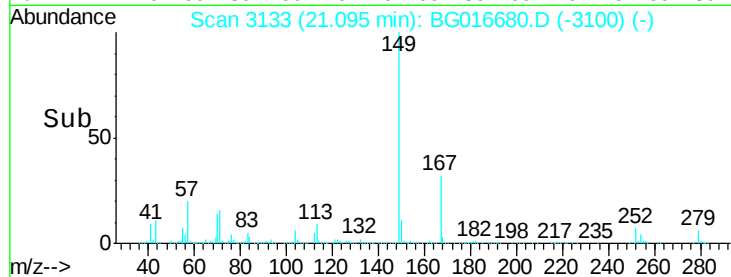
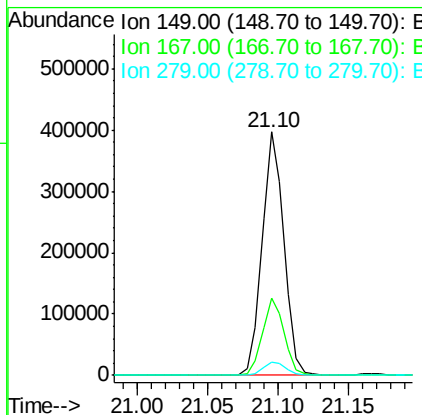
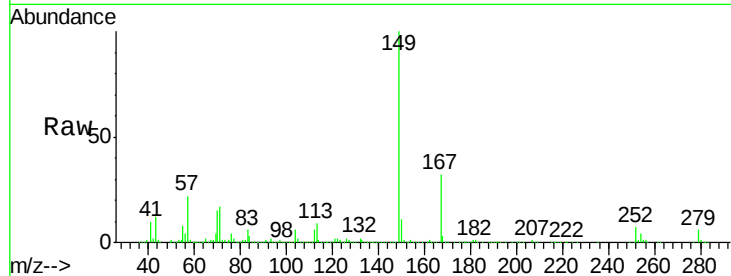
ClientSampleId :

PS-20(5-10)MS

Tot Ion:	149	Resp:	433558
Ion Ratio	Lower	Upper	
149	100		
167	32.0	26.6	39.8
279	5.6	5.1	7.7

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#84

Di-n-octyl phthalate

Concen: 32.66 ng

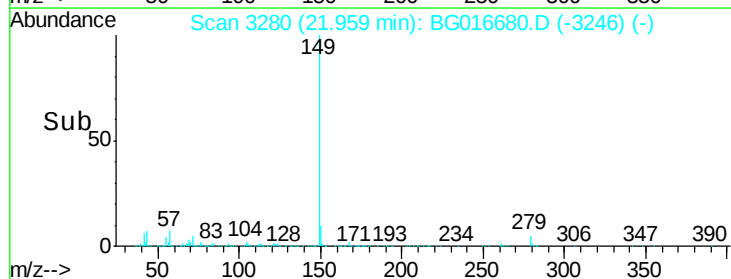
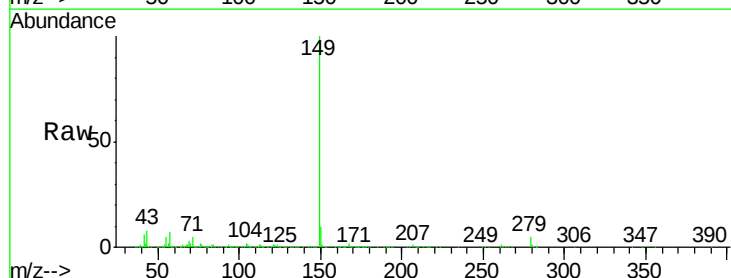
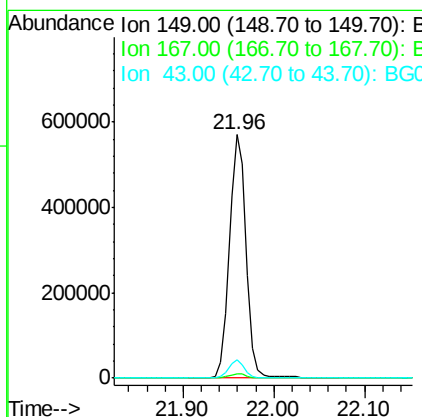
RT: 21.96 min Scan# 3280

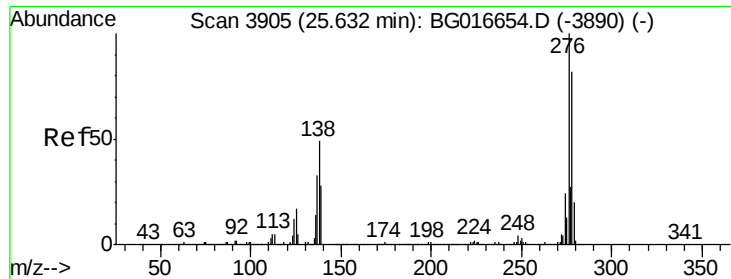
Delta R.T. -0.00 min

Lab File: BG016680.D

Acq: 24 Apr 2015 9:01

Tgt Ion:	149	Resp:	721013
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	6.9	5.7	8.5





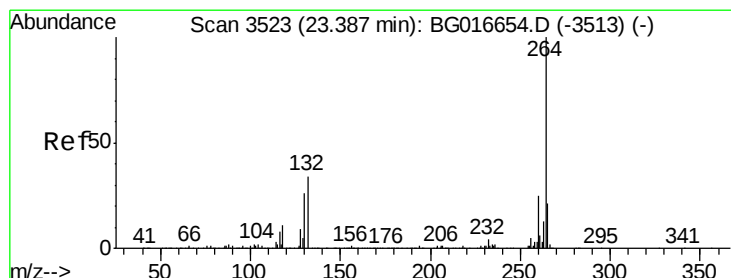
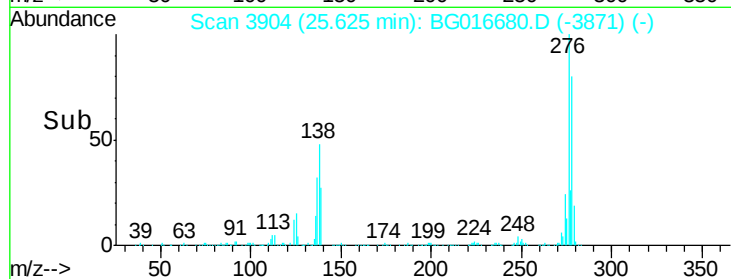
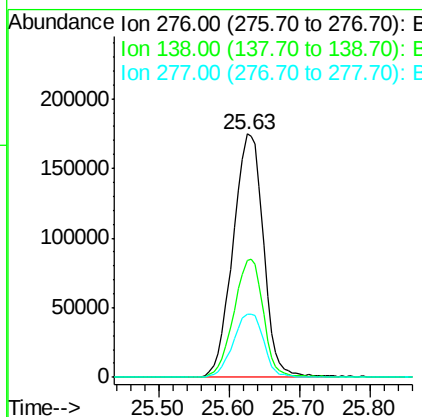
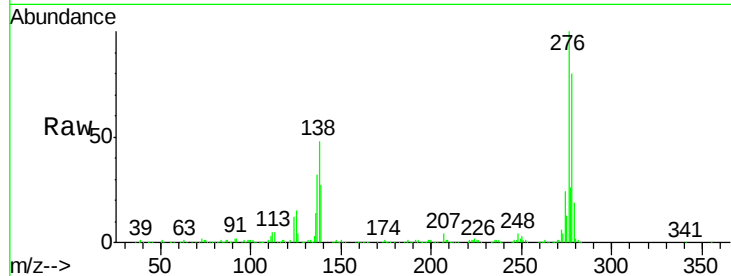
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 29.38 ng
 RT: 25.63 min Scan# 3904
 Delta R.T. -0.01 min
 Lab File: BG016680.D
 Acq: 24 Apr 2015 9:01

Instrument :
 BNA_G
 ClientSampleId :
 PS-20(5-10)MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	47.1	38.2	57.2
277	26.4	21.4	32.2

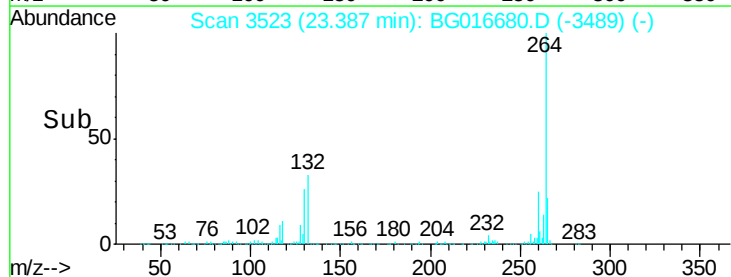
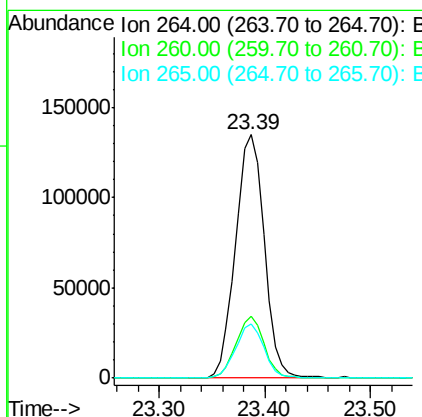
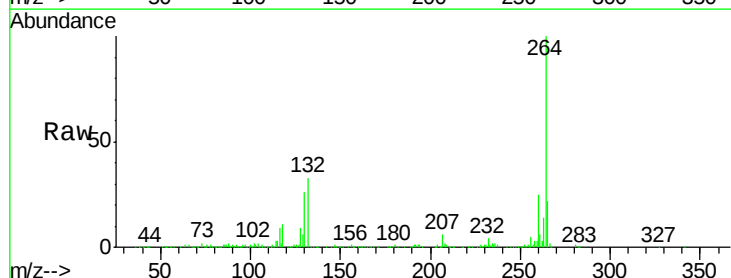
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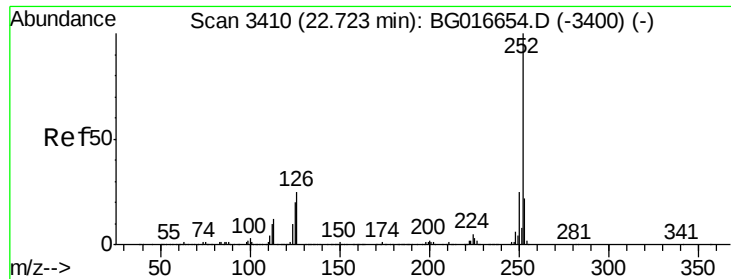
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.39 min Scan# 3523
 Delta R.T. -0.00 min
 Lab File: BG016680.D
 Acq: 24 Apr 2015 9:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.0	30.0
265	22.2	16.8	25.2





#87

Benzo(b)fluoranthene

Concen: 31.92 ng

RT: 22.72 min Scan# 3410

Delta R.T. -0.00 min

Lab File: BG016680.D

Acq: 24 Apr 2015 9:01

Instrument :

BNA_G

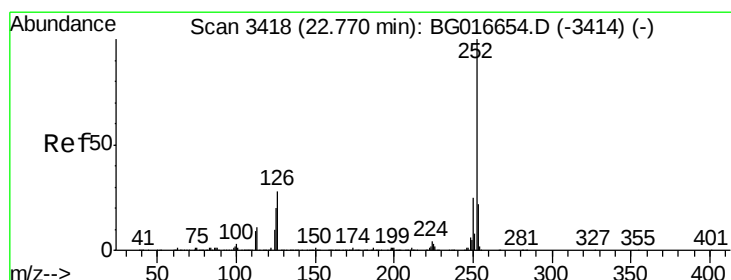
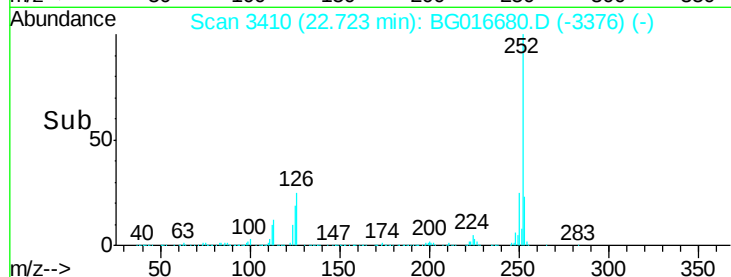
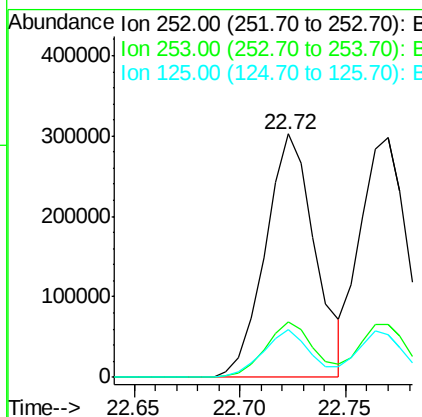
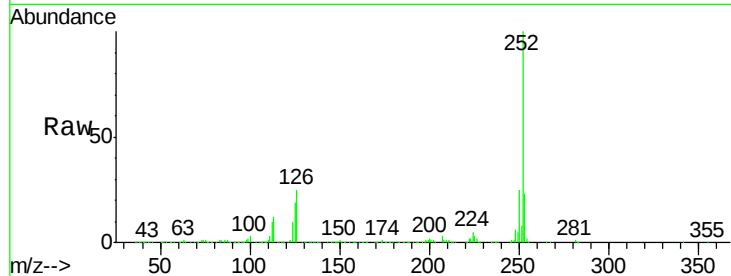
ClientSampleId :

PS-20(5-10)MS

Tot Ion:	252	Resp:	494448
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.9	26.9
125	19.4	15.8	23.8

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#88

Benzo(k)fluoranthene

Concen: 30.76 ng

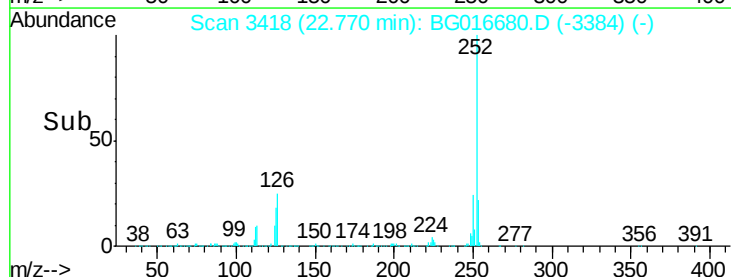
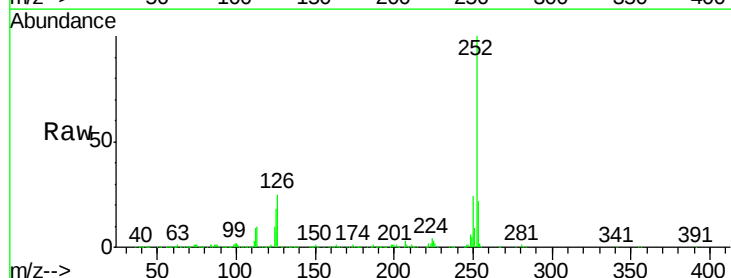
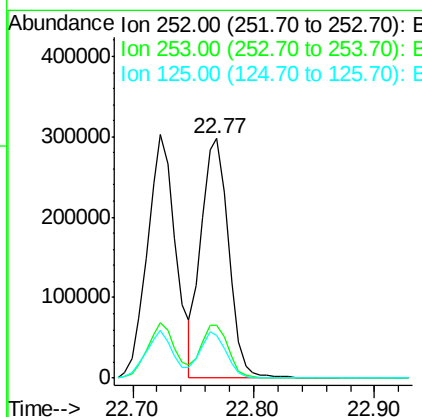
RT: 22.77 min Scan# 3418

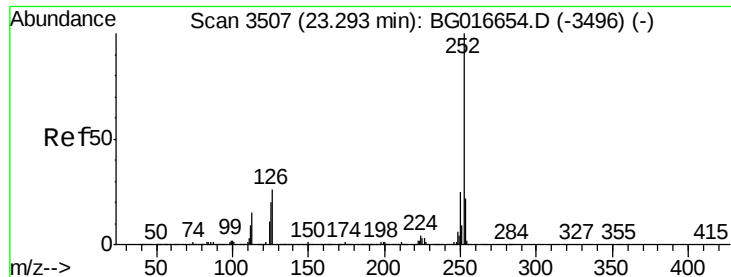
Delta R.T. -0.00 min

Lab File: BG016680.D

Acq: 24 Apr 2015 9:01

Tgt Ion:	252	Resp:	464932
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.6	26.4
125	17.7	15.5	23.3





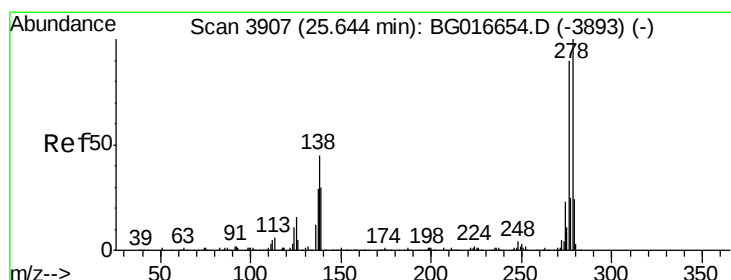
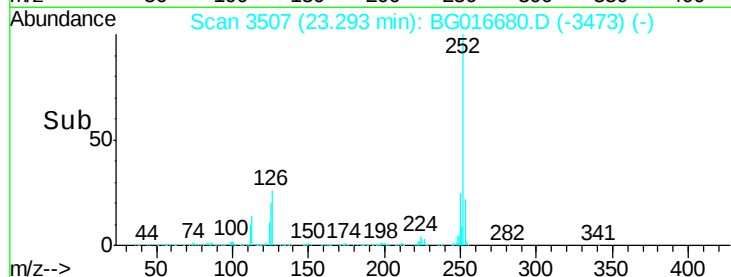
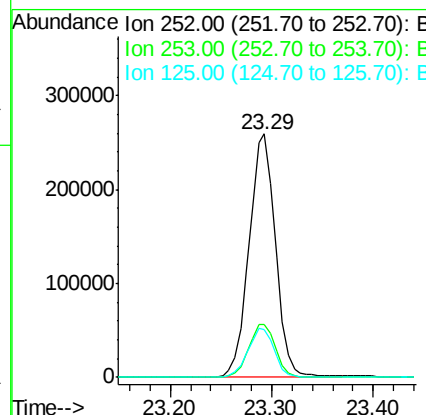
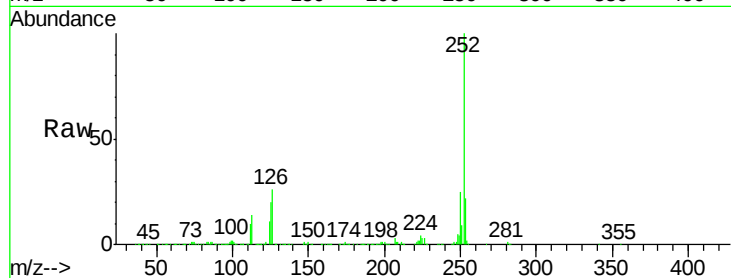
#89
Benzo(a)pyrene
Concen: 32.00 ng
RT: 23.29 min Scan# 3507
Delta R.T. -0.00 min
Lab File: BG016680.D
Acq: 24 Apr 2015 9:01

Instrument :
BNA_G
ClientSampleId :
PS-20(5-10)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	19.8	16.3	24.5

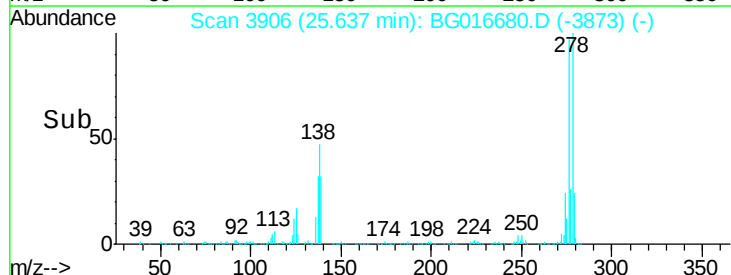
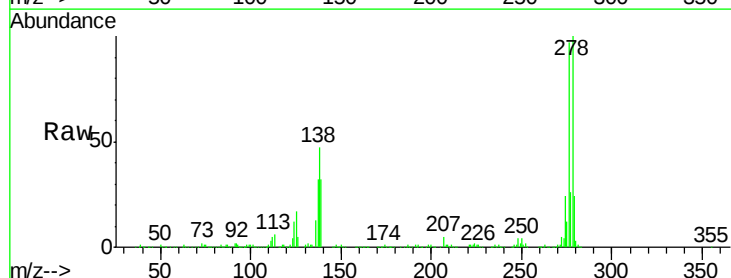
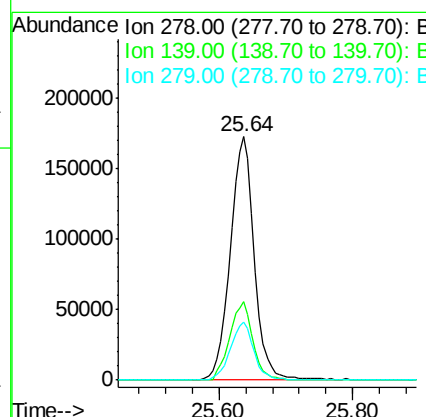
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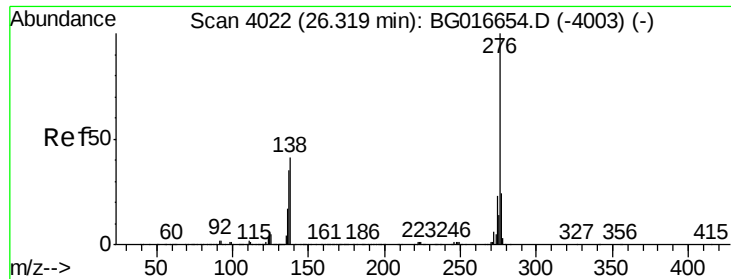
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#90
Dibenzo(a,h)anthracene
Concen: 30.66 ng
RT: 25.64 min Scan# 3906
Delta R.T. -0.01 min
Lab File: BG016680.D
Acq: 24 Apr 2015 9:01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	32.0	24.2	36.2
279	24.0	18.9	28.3





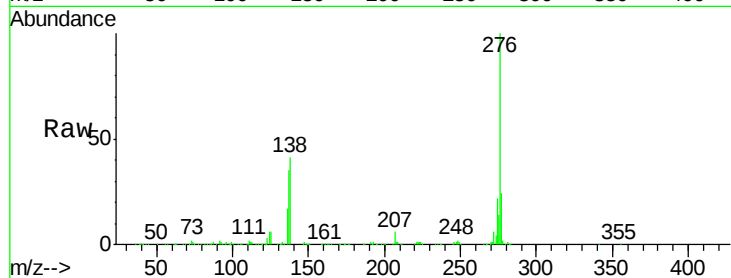
#91
 Benzo(a,h,i)perylene
 Concen: 30.55 ng
 RT: 26.32 min Scan# 4022
 Delta R.T. -0.00 min
 Lab File: BG016680.D
 Acq: 24 Apr 2015 9:01

Instrument :
 BNA_G
 ClientSampleId :
 PS-20(5-10)MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.3	28.9
138	41.4	32.8	49.2

Manual Integrations
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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

